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UNIVERSITY OF IOWA MONOGRAPHS IN EDUCATION

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A BASIC WRITING VOCABULARY

10,000 Words Most Commonly Used in Writing

by

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FOREWORD

This monograph has four purposes: first, to make available a list of the 10,000 words most often used in the writing done in the United States outside the school; second, to give a summary and a critical evaluation of the various investigations which were utilized in determining this list of words; third, to discuss the most important problems and techniques involved in this type of vocabulary research; and fourth, to show how this list of words may be used not only for practical but also for scientific purposes.

In preparing this monograph it was difficult to choose between two alternatives: first, that of presenting such information as is of interest and practical value to the great body of teachers and supervisors; and second, that of presenting a more technical discussion of the problems relating to the technique of the investigation and interesting chiefly to research workers. The first of these alternatives was chosen. A consideration of the needs of those who will probably use the monograph most and the practical limitations of space in a monograph containing more than 150 pages of tables alone made it seem best to eliminate detailed theoretical discussions wherever possible. A discussion of the more important theoretical and technical problems involved in the investigation will be presented elsewhere.

The greatest care has been taken to secure accuracy in the details of the tables upon which the 10,000 commonest words are based so that the unweighted counts for each of the sixty-five types of writing and for the entire 5,136,816 running words may be preserved in a form to make them available to students who are interested in a solution of the many problems not treated in this monograph.

The research necessary to the accomplishment of these four purposes was made possible, in large part, by a grant from the Commonwealth Fund.

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CHAPTER I

PREVIOUS STUDIES OF WRITING VOCABULARIES

A. STUDIES COMPLETED PRIOR TO 1922

At the time the present investigation was begun (1922), the following studies had been made of writing needs in life in the United States outside the school:

1. Chancellor, W. E., "Spelling: 1000 Words", *The Journal of Education*, Boston, Vol. 71-2 (May, 1910).
2. Ayres, L. P., *The Spelling Vocabularies of Personal and Business Letters*, Russell Sage Foundation, New York, 1913.
3. Nicholson, Anne, *A Speller for the Use of the Teachers of California*, California State Printing Office, Sacramento, 1914, containing the following investigations:
 - a. McFadden, Effie, and Burk, Frederic, *Ninety-one Friends' Letters*, 1914;
 - b. Social letters of the members of the Parents' Association, Normal Training School, San Jose, California;
 - c. 100 letters from the California Barrel Company;
 - d. 400 letters from the Emporium, San Francisco, and Hale's Department Store, San Jose, California.
4. Cook, W. A., and O'Shea, M. V., *The Child and His Spelling*, The Bobbs-Merrill Company, Indianapolis, 1914.
5. Andersen, W. N., *Determination of a Spelling Vocabulary Based upon Written Correspondence*, Iowa City, University of Iowa Studies in Education, Vol. II (No. 1, 1921).
6. Houser, J. D., "An Investigation of the Writing Vocabularies of Representatives of an Economic Class", *Elementary School Journal*, Vol. XVII (1916-1917), pp. 708-718.
7. Clarke, W. F., "Writing Vocabularies", *Elementary School Journal*, Vol. XXI (January, 1921), pp. 349-351.
8. Horn, Ernest, "The Vocabulary of Bankers' Letters", *English Journal*, Vol. XII (No. 6, June, 1923).
9. Horn, Ernest, *The Vocabulary of Highly Personal Letters*, 1922. Unpublished.

B. THEIR FUNDAMENTAL ASSUMPTIONS

The hypothesis under which these studies were conducted contains two assumptions: first, that the words most frequently needed

in the writing done in life outside the school will be found in that writing; and, second, that in the attempt to discover these words scientific methods rather than opinion should be used. The first of these assumptions illustrates the theory of "job analysis" in curriculum making. In this case, the "jobs" to be analyzed are typical "jobs" of writing in life outside the school. Furthermore, in each of these investigations it was assumed that the principal need for writing on the part of the average person consisted in writing letters. As will be shown later, this is not the only common need for writing in adult life.

C. CRITICAL REVIEW OF PREVIOUS STUDIES

In order to give a view of the development of research under the guidance of this limited hypothesis, a brief, critical review will be given of each of these twelve investigations.

1. Chancellor, W. E., "Spelling: 1000 Words", *The Journal of Education, Boston*, Vol. 71-2 (May, 1910).

The purpose of this investigation was to find the 1000 words which are most important in teaching spelling. After examining dictionaries and spelling books in order to form a judgment of the words most needed in spelling, Dr. Chancellor made up a list of 20,000 words. A study of the spelling efficiency in the schools led him to conclude that the average child cannot be expected to learn many words in the elementary school period. He therefore set out to determine the thousand most important words. First, he asked each of 500 grammar grade children to make a list of the ten words that he or she thought most worth knowing. He next examined the letters which came to his desk in order to find what words were most frequently used. These letters dealt with business, school, political, social, and personal matters. Dr. Chancellor does not state the method which he used, but apparently he did not record the exact number of times each word was found; at least no frequencies are given for the words in the printed report. For this reason his list cannot be used for purposes of research, and is not included in the tabulations by which the 10,000 words reported in this investigation were determined.

It is probable that in doubting the ability of "the average boy or girl" to "learn over 75 per cent of 4000 words before grammar grade graduation", Dr. Chancellor underrated the efficiency of

teaching at the time at which his article was written. Certainly, we have reliable data to show that, using modern improved methods, it is possible for "the average boy or girl" by the end of grade eight to spell more than 4000 words with an accuracy of more than 90 per cent.

2. Ayres, L. P., *The Spelling Vocabularies of Personal and Business Letters*, Russell Sage Foundation, New York, 1913.

The purpose of this investigation was "to find out whether or not there exists a fairly definite body of words so generally used in ordinary correspondence that they should form the core or basis of the spelling vocabulary taught in the lower grades of our elementary schools".

Dr. Ayres tabulated 23,629 running words of personal and business letters and discovered 2001 different words. He examined 2000 letters but tabulated only the first word in each line. He omitted the names of numbers, persons, and places; "the 'beginning' and 'ending' words such as 'Dear Sir', 'Yours truly', etc., were included only in their proper proportions". The 542 words which appear in this investigation with a frequency of six or more are printed in bulletin form with a description of the investigation.

Dr. Ayres points out the fact that, "No final conclusions can be drawn from the results of this study because it is too limited in scope to warrant them".

The chief importance of this study lies in the fact that it was a pioneer investigation. No other single study has been so influential in creating an interest in research for determining the word list in spelling.

This list of words must not be confused with the 1000 words given in Ayres, L. P., *A Measuring Scale for Ability in Spelling*, Russell Sage Foundation, New York, 1915. The words in this scale are the result of the compilation of the data from a number of investigations including *The Spelling Vocabulary of Personal and Business Letters*.

3. Nicholson, Anne, *A Speller for the Use of the Teachers of California*, California State Printing Office, Sacramento, 1914.

The Appendix of this speller contains the words from four investigations, a brief description of which follows:

- a. McFadden, Effie, and Burk, Frederic, *Ninety-one Friends' Letters*.

This is a tabulation of 19,288 running words of personal correspondence; 752 different words were found. There is no discussion of the manner in which this list of words was compiled but the frequencies are given. The number of different words is very small for this number of running words.

- b. Members of the Parents' Association, Normal Training School, San Jose, California.

This is a tabulation of 25 social letters. The number of running words is not reported. The 719 different words which were found are given in an alphabetical list but no frequencies are reported for them.

- c. California Barrel Company.

This is a study of 2412 running words of business correspondence. The frequencies are given for the 665 different words found in this list.

- d. The Emporium, San Francisco, and Hale's Department Store, San Jose, California.

In this study 10,834 words were tabulated from 400 business letters; 1576 different words were found. The derived forms were counted but not reported separately. Certain inflected and derived forms are grouped in the reported list under the word forms upon which they are based. For this reason only 1058 different words are recorded. The frequency for each of these words is given.

- 4. Cook, W. A., and O'Shea, M. V., *The Child and His Spelling*, The Bobbs-Merrill Company, Indianapolis, 1914.

In Part II of *The Child and His Spelling* the authors report data from an investigation of approximately 200,000 running words of the personal correspondence of 13 people—8 women and 5 men. The following table gives a summary description of the most important data concerning these individuals and the number of running words tabulated for each:

TABLE 1

Sex	Age	Limit of Schooling	No. of Running Words
Woman	56	Elementary school	12,000
Woman	27	One year university	40,000
Man	30	University graduate	5,000
Man	25	University graduate	40,000
Woman	24	Elementary school	40,000
Woman	27	Elementary school	5,000
Woman	64	Third grade	5,000
Woman	60	Seminary	24,000
Woman	25	Graduate student	5,000
Woman	18	High school	8,000
Man	40	Graduate of normal school and law student	6,000
Man	23	Graduate state normal school	5,000
Man	28	Business college	5,000

As the authors point out, sufficient material was not analyzed for any individual in the list even to approach a complete catalog of that person's vocabulary. The authors show in tabular form the counts of each successive thousand running words contributed for each individual. Even in the case of the three individuals who contributed 40,000 running words, the lowest number of new words for any person for the 40th thousand is 12. The authors doubtless attach too much importance to differences shown among these lists, for the number of running words is so low that unreliability is very high. Even in the case of those who contributed the largest number of running words, a tabulation of a second 40,000 running words would unquestionably yield results significantly unlike those which were obtained from the analysis of the first 40,000 running words.

All words are reported on a dictionary basis; that is, nouns are given only in the singular number and nominative case, and verb forms in the present infinitive. Words of identical spelling and like pronunciation, as well as words of like spelling but dissimilar pronunciation, are not differentiated. *I*, *a*, and *O* are omitted. Contractions and abbreviations are recorded as if the words had been written in full, with the exception of Mr., Mrs., etc., and O. K. Hyphenated words are recorded as two words. Proper names are given in a special list.

This method of recording, although consistent, detracts from the value of the study. If a true picture of usage is desired, even improper usage should be recorded. Moreover, in a study meant to be a contribution to spelling, derived forms are more important

than root forms since almost invariably they are more difficult to spell.

Five thousand two hundred different words were found, exclusive of proper names. These words are reported in four lists. "List I contains words used by all the correspondents; List II, those used by a majority of them; List III, those used by more than one but less than a majority; List IV, those used by one writer only." The frequency of each word is given. The authors also give other tables, one showing the number of new words found in each additional 1000 running words tabulated, and one showing words dominant in the letters of men as contrasted with words dominant in the letters of women.

It seems unsafe to generalize from the authors' statements of words dominant in letters of men as contrasted with words dominant in letters of women. Too many variables, other than sex, enter to affect the vocabulary of letters of these women and men. For example, the men were very much better educated on the average. Moreover, it is quite clear that the vocabulary of some of the letters was determined by subject matter almost wholly unrelated to any possible sex difference. Mere chance circumstances would have a considerable effect even on the tabulations aggregating as much as 40,000 running words for one person.

Nevertheless, this investigation adds materially to our knowledge of the vocabulary of personal correspondence. While more recent investigations have given much more reliable data concerning the words most likely to be needed in personal correspondence, little has been added to the knowledge which this investigation gives of the personal correspondence of individual writers.

5. Andersen, W. N., *Determination of a Spelling Vocabulary Based upon Written Correspondence*, Iowa City, University of Iowa Studies in Education, Vol. II (No. 1, 1921).

In this investigation 361,184 running words were tabulated from 3723 personal and business letters. In order to secure letters from all classes of writers in one state, Andersen secured the coöperation of the 7th, 8th, and 9th grade teachers and pupils in 23 towns and cities in Iowa. The pupils were asked to bring letters received by their parents and friends.

After preliminary practice in tabulating words from context, each child arranged in alphabetical order the words in the letters

which he had brought. He also reported such words as were misspelled, the number of letters which he had analyzed in making the alphabetical list, the occupation and sex of the writer and the recipient of each letter. In addition he gave his own name, his grade in school, and the city in which he lived. The lists which the children prepared were compiled by the investigator with the aid of four trained assistants.

All word forms were included with the following exceptions: plurals formed by adding "s" were recorded under the singular form; proper nouns were omitted except the days of the week, names of the months, holidays, and nationalities.

In the final tabulations no comparisons were made between the vocabulary of letters written by men and the letters written by women. The data were classified under six heads, as shown in the following table:

Calling	No. of Letters Analyzed	Total No. of Running Words	Number of Different Words
1. Professional	824	85,161	5,368
2. Business	1,202	112,363	4,105
3. Domestic	700	61,368	3,820
4. Miscellaneous	688	73,001	5,861
5. Personal	149	14,778	1,980
6. Farmers	160	14,513	1,754
Totals	3,723	361,184	9,223

As shown in this table, 9223 different words were found. However, 3217 of these words were found but once. In the printed report only words which were found in three or more of the six groups and which also had a frequency of five or more are given. There are 3087 of these words.

Andersen made a number of tabulations for the purpose of discovering what words, if any, were peculiar to any calling or to any of the six groups represented in the table given above. He found very few such words, and these occurred but infrequently. He points out that a much wider and more extensive sampling is necessary before one can secure data which will make possible adequate or valuable comparisons.

Only 126 different words are reported as misspelled two or more times, but it is likely that many spelling errors were overlooked or not reported.

The chief contribution of this investigation is the method by which the author secured letters from all types of writers at various educational levels. Since in public school systems, where education is compulsory, the pupils of the junior high school come from all types of homes, it seems likely that no type of letter writer was omitted. It is probable, however, that highly personal letters and certain types of business letters were not secured by this method. This study still furnishes the best data available for the writing vocabulary of a single state.

6. Houser, J. D., "An Investigation of the Writing Vocabularies of Representatives of an Economic Class", *Elementary School Journal*, Vol. XVII (1916-1917), pp. 708-718.

Professor Houser set out to discover the vocabularies used by farmers in writing letters about farming to a state agricultural college. He tabulated the first and last word in each line of 750 such letters, containing approximately 65,500 running words. Formal salutations and conclusions were disregarded. The number of different words was 1869.

Of the 1869 words 816 were used but once. A list of all words found five or more times is given. Words found in this list, but not in the Ayres list, are printed in italics. The investigator correctly points out the fact that this does not necessarily mean these words are peculiar to farmers' letters, since they might easily occur in other correspondence and yet not be found in the Ayres restricted list of 1000 words.

It should be pointed out that this investigation was limited to one vocation, since it includes only letters written by farmers to professors of agriculture about farm problems.

7. Clarke, W. F., "Writing Vocabularies", *Elementary School Journal*, Vol. XXI (January, 1921), pp. 349-51.

The first part of this investigation consists of the analysis of 28,292 running words taken from 2000 letters written to the editor of a large Chicago newspaper. Mr. Clarke found 3360 different words. He then compared this list of words with the 1000 words given by Ayres in *A Measuring Scale for Ability in Spelling*. He reports that there are 117 common words such as *five*, *rain*, and *hat* which should have occurred in the newspaper list at least three times but did not occur even once. On the other hand, 237 of the words of highest frequency in the newspaper list are not to be

found in the Ayres list. Among such words are *add*, *hay*, *idle*, and *farmer*. Furthermore, 108 "common" words such as *worse*, *owner*, *loyal*, and *risk* which occurred four or more times in the newspaper list are not found in *The Every-day Speller*, which was chosen as representative of modern spellers.

Mr. Clarke believes that these discrepancies indicate the unreliability of two assumptions:

- a. "that, because a word occurs twelve times in a few lists of one hundred thousand running words each it may be expected to recur similarly in any other list compiled in like manner;
- b. "that a list of the words occurring twelve or more times in a few lists of one hundred thousand running words will contain all the words apt to occur in other such lists".

The author's conclusion is that such lists as he used are inadequate for the ordinary person and that this inadequacy is due to an insufficient regard "for important geographical and social factors. . . . Numerous other like studies should be made covering the writing vocabularies of many more people in widely scattered and representative localities and of diverse but representative social groups".

The author's emphasis upon the need for a word count more extensive and more representative than that upon which these lists were based is well founded. It is interesting to note that more extensive counts of letters written to newspapers and magazines indicate that the vocabulary of such letters differs somewhat from that of personal or business letters.

8. Horn, Ernest, "The Vocabulary of Bankers' Letters", *English Journal*, Vol. XII (No. 6, June, 1923).

This study was undertaken for the purpose of answering two questions: first, is there need for a special spelling list for those who write letters about banking; second, do the correspondence needs of bankers vary according to locality?

In this investigation 1125 letters written to the National City Bank, New York City, were tabulated. Each letter was written by a banker about banking. These letters were chosen by a sampling of the correspondence of fifteen states grouped so as to represent various sections of the country. The distribution of the letters is shown in the following table:

TABLE 3

Sections	No. of Letters	Running Words	Different Words
1. Western	50	2,689	509
2. Pacific	200	8,462	975
3. Central Western	125	9,298	1,200
4. North Central	125	14,520	1,306
5. Southern	50	2,475	485
6. South Central	200	8,238	954
7. Eastern	50	2,571	572
8. New York	300	16,758	1,432
9. Iowa (scored separately in addition to 125 letters scored in North Central)	25	2,570	553
Totals	1,125	67,581	2,623

With the exception of the pronoun *I* and the article *a*, all words occurring in these letters were tabulated. All derived forms were tabulated separately.

The 2623 words found in this analysis were compared with the vocabulary of general correspondence. The vocabulary of each section was also compared with that of other sections. The investigator's conclusions are:

"This study does not show that the words used in bankers' correspondence apply at all exclusively to the banking business, and yet the list is in a certain sense a vocational list. The highly inflected character of the words does indicate that those who are to dictate or to type letters in banking should have more than an average education. Those who are to dictate should be able to express themselves courteously but with great precision, and those who are to take dictation should be trained accordingly. A training which will meet the needs in one section of the country will also meet the needs in other sections."

So far as the writer knows, this is the most complete count which has been made of the letters of one type of business.

9. Horn, Ernest, *The Vocabulary of Highly Personal Letters*, 1922. Unpublished.

It was the purpose of this investigation to secure data regarding the vocabulary of letters of a highly personal nature. A few such letters were included by Ayres in his investigation of "The Spelling Vocabulary of Personal and Business Letters". Many such letters were undoubtedly used by Cook and O'Shea. Andersen's investigation probably did not include many letters of a highly personal

nature, since such letters were not likely to be supplied by those who coöperated in furnishing material. In no study were the data for such letters reported separately.

This investigation was based on the hypothesis that the vocabulary of letters of a highly personal nature could be secured by the following method:

- a. Juniors and seniors at the University of Iowa were asked to contribute not letters but an alphabetical list of the words in letters with the frequency of each word.
- b. Each person was assured that such a list of words could not betray the writer of the letters. In addition, assurance was given that even the list itself would be treated as confidential.
- c. Each person volunteering coöperation was asked on his honor to use only letters of such a personal nature that they would not have been made available for another person to tabulate.

One hundred thousand running words were tabulated and 5239 different words were found. A comparison of this vocabulary with that of other investigations showed differences which are significant. More words relating to personal relationships were reported and in greater proportion. More colloquial and slang words were also found. Since the letters were written to students in college, it was to be expected that certain words pertaining to college life would be included with greater frequency than in other investigations. This was found to be the case.

D. COMPILATION OF DATA FROM THESE INVESTIGATIONS AND FORMULATION OF PROBLEMS FOR NEW INVESTIGATIONS. (1922)

In 1919 the writer combined the words of all correspondence studies which had been made up to that time. As new investigations were completed and available, they were added to this compilation. At the time the grant from the Commonwealth Fund was received, there had been accumulated in this compilation an aggregate of about 865,000 running words.

The scientific accuracy of this compilation is marred by the lack of completeness in the data reported in some investigations as well as by lack of uniformity among the various investigations in the method of tabulating words. Had each investigator tabulated each word form separately, the compilation would have been easy and satisfactory. But in the most extensive investigations this was not

done. Neither *a* nor *I* was tabulated by Cook and O'Shea, by Andersen, by Clarke, or by the writer in his investigation of bankers' letters. There are 36 additional words of high frequency which were omitted from the published lists of one or more investigations. When one of these words was found to be omitted from any investigation in which it would be expected to be found, its probable frequency in that investigation was computed on the basis of the data for the word in the investigation which most nearly duplicates that in which it was omitted.

In some investigations the frequencies for certain word forms were tabulated under other forms of the same word. Thus, in the investigation by Cook and O'Shea, plural and possessive forms of nouns were tabulated under the singular and nominative case, and all verb forms under the present infinitive. Estimated credits were computed only for such of these words as had high frequency, since it was the plan to omit such words from future tabulations, and since such estimates are reliable in proportion to the number of credits which such words have from investigations in which the words were recorded. When computed credits were assigned to any such word form, it was necessary, of course, to make a corresponding reduction in the credits of the form under which it was originally tabulated. Thus in the Cook and O'Shea list, when credits were computed for *was*, these credits were subtracted from the credits of *be*, since in that investigation all verb forms were tabulated under the present infinitive form.

Although these estimated frequencies may vary somewhat from the true frequencies which would have been found had all word forms been tabulated separately, the results are undoubtedly accurate for practical uses. Very few words are affected by these estimates, and these words have such heavy credits from investigations in which they were scored separately that they would have ranked among the first few hundred words even without including the estimated credits from investigations in which these words were not tabulated separately. It will be seen that, with the addition of the estimated frequencies for words which were not recorded in the various studies, the total number of running words will be greater than the number reported in the studies in which such omissions occurred. The revised frequencies for each word, as well as the

revised totals of running words in each investigation, are used in all the computations of Chapters II, III, and IV.

This compilation furnished the most adequate measure of adult writing vocabularies which was available at the time of its completion. A careful study of its data seemed to indicate that it contained most of the words frequently needed by the average letter writer. The data from this list, supported by those from Professor Thorndike's investigation¹ and from the spoken vocabulary of children,² made it quite clear that certain words such as *I, the, and, to, a, of, be, in, we, and have* would fall within the first hundred words most frequently used in adult writing no matter how much additional material were to be tabulated. It was also clear, as Ayres earlier pointed out, that a few words with their repetitions make up a very large proportion of the running words which the adult writes. Thus in adult writing the repetitions of *I, the, and and, make up about one-tenth of the total running words.* It is therefore apparent that a very great saving could be made in any future tabulations by not recording such words. This advantage was utilized, as will be shown in Chapter II, in the new counts made under the grant from the Commonwealth Fund.

When the words of the compilation had been arranged in order of frequency, the limits shown in the following table were found.

TABLE 4
LOWER FREQUENCY LIMITS OF THE FIRST TEN 500 WORD GROUPS
COMPILATION OF 1922

1-500	194
501-1000	77
1001-2000	44
2001-2500	18
2501-3000	12
3001-3500	8
3501-4000	6
4001-4500	4
4501-5000	3

This table should be read: There are 500 words in this compilation with a frequency of 194 or more, 1000 words with a frequency of 77 or more, etc.

¹ Thorndike, E. L., *The Teacher's Word Book*. Teachers College, Columbia University, New York.

² *Twenty-fourth Yearbook of the National Society for the Study of Education*, Bloomington, Illinois, 1925, pp. 186-198.

It is clear from this table that the reliability of the counts decreases very rapidly after the first thousand words, and that more extensive tabulations are necessary to establish the importance of words of lower frequency. Moreover, there are several special questions which could not be answered satisfactorily from this compilation. Among the most important of these are:

- a. What words are most often needed in writing business letters?
- b. What words are most often needed in writing highly personal letters?
- c. Is the vocabulary of letters influenced greatly by the locality in which they are written?
- d. What is the nature and extent of the vocabulary of letters written by persons of more than ordinary literary ability?
- e. What are the most important words in the vocabulary of letters written in applying for positions or in recommending others for positions?
- f. What is the nature and extent of certain vocabularies other than those used in writing letters, as for example, the letters or excuses written by parents to teachers, and in minutes, resolutions, and committee reports?
- g. What is the nature and extent of the vocabulary of the letters of a single individual?
- h. What are the 10,000 most important words used in adult writing?

New investigations, under the grant from the Commonwealth Fund, were planned to furnish the additional data which would make possible a more satisfactory answer to these questions.

Throughout the remainder of this monograph the earlier compilation will be referred to as the compilation of 1922 and the studies upon which it is based as the earlier investigations. The compilation made possible under the grant from the Commonwealth Fund will be referred to as the present compilation and the new studies included in this compilation as the present investigations.

CHAPTER II

NATURE OF THE PRESENT INVESTIGATION

A. METHODS OF TABULATION

The work of making the first tabulations was done by assistants who were carefully selected and trained in economical and accurate methods of recording data. The method of tabulation described below was used uniformly throughout all sections of the investigations.

1. WORDS TABULATED AND RECORDED

a. All words were recorded, including slang, colloquial, and supposedly obsolete words, with the exceptions noted below:

- (1) All proper names of persons and places, names of months and days.
- (2) All words of less than four letters, since these have relatively small spelling difficulty.
- (3) The following common words:

about	have	shall	they	were
after	here	should	thing	what
been	just	some	this	when
before	know	that	time	which
come	letter	their	under	will
could	much	them	until	with
from	must	there	very	would
good	over	these	well	your
				yours

The compilation of 865,000 running words (compilation of 1922) made it quite clear that these 41 words would be found with very high frequency no matter how much additional material were scored. All these words fall within the first hundred most commonly used in writing letters. All but 10 are in the first 100 of the Thorndike list. All but 3 are either in the first or second hundred of the Thorndike list. *Until* is in the third hundred, *letter* in the fourth hundred, and *yours* in the third thousand of that list.

By omitting words of less than four letters, proper nouns, and common words, as indicated, it was possible to score a much more varied and extensive sampling of adult writing needs than would have been possible had all such words been recorded.

b. Each word form was tabulated separately. For example,

mother, *mother's*, *mothers*, and *mothers'* were recorded as four different words. This was felt to be necessary, not only because derived forms are on the average more difficult to spell than the base words upon which they are built, but also because there is a value in knowing the relative frequency with which these various forms are used. All words which were correctly spelled were recorded in the form in which they were found. For example, in the original tabulations *enclose* and *inclose* were recorded as two separate words, even though they were later combined under *enclose* which is the form more frequently used.

c. All abbreviations and contractions were recorded as written.

2. METHODS USED IN TABULATING

a. The actual tabulation of words was made as follows: the first recording of words was done on sheets 8½" x 13" indexed on the left hand side of the sheets with the beginning letters of key words such as *ab*, *acc*, *add*, *aff*, *ag*, etc. Experience with earlier tabulations made it possible to estimate rather closely the space which should be left between the guides so that words could be written in alphabetical order. A series of sheets indexed and spaced to hold 10,000 words was found to be most satisfactory.

b. Tabulations were made on these sheets as follows: the limits of the first two tabulation sheets were noted and each word to be recorded was inserted in the place where it belonged. Then the two sheets following alphabetically were taken, and so throughout the alphabet. If the letters or other material could be marked, each word was checked as it was written on the sheets; if the material could not be marked, a finger of the left hand was kept on the word until it was written on the sheets. A small vertical mark was made for each occurrence of a word. For the fifth occurrence a line was drawn diagonally through the four vertical marks so that counting was facilitated by having the marks in groups of five. Recorders were cautioned to remember that writing the words on the sheets did not constitute a count and that the word should not only be written but also should have a vertical mark placed after it when it was found for the first time, as well as for each additional occurrence.

c. Each tabulation sheet was marked to indicate the kind of material from which the words were taken, as *Minutes*, *Letters from*

Department Stores, etc. When the sheets containing approximately 10,000 running words became crowded, the words on them were transferred to larger series of sheets holding about 100,000 running words.

Trial was made of the cutting and sorting method suggested by Tidyman,¹ but the method was not adaptable either to typewritten material or to personal correspondence written in long hand. The size of a word, either in typewritten or in personal correspondence in long hand, made it impossible to cut out a word expeditiously or to assemble the words in boxes after they had been cut.

From these larger series of sheets was compiled the final word list for each section of the investigation.

B. DESCRIPTION AND EVALUATION OF THE STUDIES

The methods described in the preceding section were used in each of the eight new investigations which were undertaken under a grant from the Commonwealth Fund. These investigations were:

1. The Nature and Extent of the Vocabulary of Business Correspondence.
2. The Nature and Extent of the Vocabulary of Personal Correspondence.
3. The Vocabulary of the Letters of People of more than Average Literary Ability.
 - a. The Vocabulary of Letters of Well-known Writers.
 - b. The Vocabulary of Letters Printed in Magazines and Metropolitan Newspapers.
4. The Nature and Extent of Vocabularies of Letters of Application and Recommendation.
5. The Vocabulary of Adult Writing Needs other than Correspondence.
 - a. The Vocabulary of Minutes, Resolutions, and Committee Reports.
 - b. The Vocabulary of Excuses Written to Teachers by Parents.
6. The Vocabulary of the Letters of a Single Individual.

A brief description and critical evaluation of each of these investigations follow.

¹ Tidyman, W. F., "Survey of the Writing Vocabularies of Public School Children in Connecticut", *Teachers Leaflet* No. 15, Bureau of Education, November, 1921.

1. THE VOCABULARY OF BUSINESS CORRESPONDENCE

Three questions were in the writer's mind in planning this investigation: What are the most important words common to the various classes of business letters? How, in nature and extent, does this vocabulary compare with that of personal letters? To what degree does the vocabulary in the letters of one class of business overlap the vocabulary of the letters of other classes?

It is impossible to answer these questions satisfactorily from the data in the earlier investigations which were described in Chapter I, although business letters made up the whole or a part of several of these investigations. In some cases, as in the Ayres and the Andersen studies, it is impossible to differentiate the data for business letters. Data were available for bankers' letters from the study by Horn, for farmers' letters from the study by Houser, and for department store letters and barrel company letters from the studies reported by Nicholson in *The California Speller*. The number of running words reported separately in these investigations is only slightly more than 100,000, 67,000 of which are from the study of bankers' letters. It was therefore clear that, to secure adequate data on business correspondence, the letters of a larger number of types of business would have to be tabulated, as well as a much larger total number of running words.

It seemed possible that a representative list of business letters might be obtained through Rotary Clubs, since the members of these clubs represent all important types of business. Since the problem of spelling is an educational one, appeal was made to these clubs through the superintendent of schools in several of the important cities in the United States. While returns were received from some of these clubs, the amount of material fell far short of the amount necessary for an adequate study of the vocabulary of business letters. Not all types of business were represented, and for several types the data were either lacking or not large enough in amount to be of value. The writer then undertook to make a personal canvass of types of business for which additional letters were desired. This was done in two ways: first, by personal letters to firms known to the writer or recommended to him as likely to coöperate; second, by a very thorough personal canvass of firms in Minneapolis and St. Paul by Miss Cora Crowder. Miss Crowder had already decided to make a study of the vocabulary of

business letters as a master's thesis at the University of Minnesota. A subvention was made from the Commonwealth appropriation to assist her in completing her investigation.

After completing the work for this thesis, Miss Crowder was employed as a member of the writer's research staff to secure correspondence from types of business not included in her thesis. In cases where firms did not allow letters to be taken from their offices, Miss Crowder and trained assistants tabulated the words on the premises.

All told, from the data secured from earlier studies, from the letters sent in by Rotary Clubs, from the letters secured at the writer's personal request, and from the letters secured through the coöperation of Miss Crowder, vocabularies were made available for 26 different large classes of business as follows:

1. Miscellaneous
2. Florists
3. Automobile Manufacturers and Sales Companies
4. Wholesale and Retail Druggists
5. Manufacturers of Clothing and Textiles
6. Dealers in Lumber and Furniture
7. Manufacturers, Wholesalers, and Retailers of Food Stuffs
8. Law Firms
9. Insurance Companies
10. Dealers in Crockery and China
11. Building and Construction Companies
12. Community Organizations
13. Coal and Oil Companies
14. Electrical Supply Houses
15. Medical Supply Companies
16. School Supply Companies
17. Banks, Loan and Investment Companies
18. Public Utilities
19. Dealers in Hardware and Machinery
20. Car and Truck Companies
21. Railroad and Express Companies
22. Steel and Iron Manufacturers
23. Schools, Churches, and Libraries
24. Department Stores
25. Publishers
26. Farmers

The number of different firms included under each of these classes ranges from one to seventeen. The average number of different firms included in each class is six.

The words for each class of business were arranged in alphabetical order with the total frequency for each word. The different lists were then compiled on sheets as shown in Table 5.

The key to the numbers at the top of the table is given on page 25. The table should be read: *around* occurred in 21 different types of business correspondence. It was found 9 times in miscellaneous business correspondence, 3 times in the correspondence of florists, etc. The total of these frequencies is 153. The weighted total (explained in the following paragraph) is 765. It should be kept in mind that the total number of running words was not the same in each of these 26 classifications.

A study of these sheets showed clearly that not merely the total frequency was significant but also the number of different classes of business correspondence in which any word occurred. There is no recognized method of combining these two factors. After a considerable study of the raw data on these sheets, it was decided to determine the importance of a word by multiplying its total frequency by the approximate square root of the number of different classes of business in which that word was found. If the exact square root had been taken each time, the labor of computation would have been very great. Square roots were therefore taken to the nearest integer, according to the following table:

No. of Types of Business	Number Used for Weighting
1-2	1
3-6	2
7-12	3
13-20	4
21-26	5

This method gave the weighted total which is shown by the number at the left of the word. For example, *around* was found in 21 different types of business with a total frequency of 153. The square root of 21 to the nearest integer is 5. The weighted total of *around* is therefore 5 times 153, which is 765.

A reference to Section A of this chapter will recall the fact that certain high frequency words, certain proper nouns, and words of less than four letters were not recorded in this investigation. Excluding these words, the actual number of running words recorded in the new investigation was 561,946. The estimated number of running words examined, including estimates of the 372 words not tabulated, (See page 40 ff.) but excluding names of

persons and places, is 1,436,223.² To this amount should be added the totals of Horn's study of bankers' letters, the totals from the business lists reported by Miss Nicholson, and the totals from the Houser list of farmers' letters. The total of the frequencies from these earlier investigations is 102,264. The estimated total of the number of running words included in this compilation of business correspondence is therefore 1,538,487,³ excluding the frequencies for names of persons and places. Exclusive of the omissions referred to on page 21, 15,152 different words were found.

2. THE VOCABULARY OF PERSONAL LETTERS

Among the studies made previous to 1922, only two contained counts of personal correspondence amounting to as much as 100,000 running words. Andersen, while tabulating personal letters separately, does not report separate counts for them. It is likely, moreover, that few highly personal letters were available to the children who did the original scoring in his investigation. The Cook and O'Shea list, while based upon personal letters, was limited to the correspondence of 13 people. Neither in the investigation by Andersen nor in that by Cook and O'Shea were letters secured from enough different sections of the United States to make possible either a comparison of the vocabulary of one section with that of another section or a conclusion as to the vocabulary of personal letters in the country as a whole. It was therefore the purpose of this investigation to attempt to secure additional data which would do three things: first, secure personal correspondence in greater amount and from a larger number of people; second, secure the vocabulary of letters of a highly personal quality; third, secure letters from each section of the United States.

The investigator desired to obtain the vocabulary of highly personal letters from each section of the United States. Requests

² It is a well-known fact that even in the case of words of high frequency the ratio of the frequency of a given word to the total number of running words is only approximately constant for successive counts of say 100,000 running words. (See Kaeding, F. W., *Häufigkeitswörterbuch der deutschen Sprache*. Steglitz bei Berlin 1898. P. 22 ff.)

³ In this and in many of the figures which follow, the number is different from those earlier given in the *Third Yearbook* of the Department of Superintendence. In some cases the difference is due to additions made to the data or changes in the grouping; in other cases it is due to errors discovered in estimates made for the 372 special words which were not scored separately in the new investigation.

were sent to professors of education and psychology in universities and colleges in all parts of the country asking that they request students in their classes to make alphabetical lists of the words in the letters they had received from friends and relatives. The instructors were asked to explain that all types of personal letters were desired—love letters, letters from parents or other members of the family, and letters from friends. Since the student did not contribute the letters in their original form, but only an alphabetical list of words, he could be sure no confidence would be betrayed. In this fashion it was possible to get the vocabulary of letters of a highly personal nature when the letters themselves would not have been available to the investigator.

Each student in handing in his alphabetical list of words with the frequency of each, reported also (a) his name and address, (b) types of letters he had tabulated, (c) states from which the letters were written, (d) approximate number of running words in the letters.

The vocabulary reports received from coöperators included letters from each of the following geographical divisions and from each state in each division:

Pacific: Washington, Oregon, California.

Western: Montana, Idaho, Wyoming, Nevada, Utah, Colorado, Arizona, New Mexico.

South Atlantic: Georgia, Florida, North Carolina, South Carolina, Virginia, West Virginia, Maryland, Delaware, District of Columbia.

New England: Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island.

Middle Atlantic: New York, New Jersey, Pennsylvania.

South Central: Alabama, Kentucky, Tennessee, Mississippi, Arkansas, Oklahoma, Louisiana, Texas.

North Central: Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Nebraska, North and South Dakota.

The actual number of running words recorded from personal letters was 561,056. The estimated number of running words examined, including estimates of the 372 words not tabulated separately (See Section A and also pages 40 to 44), but excluding the credits for names of persons and places, is 1,433,948. Nineteen thousand two hundred forty-three different words were found, exclusive of the omissions referred to on pages 40 to 44. These

figures do not include the counts of personal letters included in the compilation of 1922. (See pages 10 to 20, and 39 and 40.)

The vocabulary secured by this method represents every type of personal letter from the love letters of engaged people to ordinary news letters from home. It is probable that, since writers of these letters were friends or relatives of college students, the vocabulary secured is, on the average, that of people of a somewhat higher level of education than that secured by Andersen. On the other hand, it seems likely, from the make-up of student bodies in the various universities and colleges, that letter writers from every educational level were represented.

It is probable that certain words pertaining to education and college life appear somewhat more frequently in this investigation than would be the case had the letters not been written to college students. A consideration of the probable subject matter of such correspondence, as well as a detailed examination of the word list, shows this to be true. Examples of such words are *fraternity*, *dormitory*, *examination*. On the other hand, an examination of the relationship existing between the writers and recipients of the letters makes it seem likely that almost every type of human relationship is represented in these letters.

A sample of the final tabulation sheet of this section of the investigation is shown in Table 6.

This table should be read: *around* was found in letters from the Pacific section of the U. S. 330 times, in letters from the Western section 31 times, in letters from the South Atlantic section 67 times, etc. It has a total of 1197 and a weighted total (computed as in the case of the vocabulary of business letters) of 3591.

While a critical comparison of the vocabulary of various sections has not been completed, the impression gained from the tabulation sheets is that the vocabulary of one section does not differ from that of other sections to a significant degree. In fact, a cursory examination of the final tabulation sheets shows no words of high frequency in one section which do not appear also in at least one other section.

TABLE 6
VOCABULARY OF PERSONAL CORRESPONDENCE

	Weighted Total	P	W	SA	NE	MA	SC	NC	L	TOTAL
around	3,591	330	31	67	30	103	129	472	35	1,197
arouse	46	10				1		12		23
aroused	54	5	1	1		3	1	6	1	18
arousing	1								1	1
arrange	324	41	5	1	1	12	8	37	3	108
arranged	177	15	3	1	5	9	9	17		59
arrangement	87	8	1	1	1	3	1	12	2	29
arrangements	104	10	6			13	6	16	1	52
arranges	2	2								2
arranging	6	2				4				6
array	3							3		3
arrears	2						1	1		2
arrest	14	2				1	2	2		7
arrested	24	3				1		8		12
arrival	177	12		2	1	11	8	24	1	59
arrive	333	31	1	1	3	15	17	37	6	111
arrived	651	63	6	7	7	28	27	66	13	217
arrives	54	2	1	1	1	7	1	3	3	18

3. THE VOCABULARY OF LETTERS OF PEOPLE OF MORE THAN AVERAGE LITERARY ABILITY

In discussions and criticisms of the earlier investigations of adult correspondence, the argument sometimes is advanced that, while these investigations show what words are used in writing letters, they do not show what words should be used. Moreover, so it is said, letter writers tend to avoid the use of words which are difficult to spell. For these reasons some have objected to basing the course of study on the results of investigation of present usage.

The soundness of these objections could not be determined on the basis of data available in 1922, since there were no data to show what words people should be able to write. The best hypothesis for determining standards of quality in writing vocabularies is that those who are superior in writing ability choose their words best. Accordingly, this section of the investigation was planned to discover the nature and extent of the vocabulary of letters of writers of superior literary ability. Two types of letters were analyzed: first, the letters of men and women noted for their writing; and second, the letters contributed to magazines and metropolitan newspapers.

a. *The Vocabulary of Letters of Well-Known Writers*

An extensive sampling was made of the letters of eight well-

known American writers and eight well-known English writers. The letters of the following writers were chosen for this purpose.

<i>American</i>	<i>English</i>
2. Abraham Lincoln	10. Robert Louis Stevenson
3. John Hay	11. Lord Chesterfield
4. Franklin Lane	12. Percy Bysshe Shelley
5. Walter H. Page	13. Lord Byron
6. Theodore Roosevelt	14. Charles Lamb
7. James Russell Lowell	15. Horace Walpole
8. Phillips Brooks	16. Robert Browning
9. William Dean Howells	17. Elizabeth Browning

In addition, all the letters in E. V. Lucas' *The Gentlest Art* (No. 1 in Table 7) were analyzed.

The actual number of running words recorded in this investigation was 275,779. The estimated number of running words examined, including the estimates of the 372 words not tabulated, (See Section A and also pages 40 to 44) but excluding credits for names of persons and places, is 704,837. Twenty-three thousand five hundred and eighty-one different words were found, exclusive of the omissions noted on pages 40 to 44. The number of different words in this vocabulary is larger, for the amount of material analyzed, than in any other type which was scored. In fact, more different words were found in this correspondence than in any other type of writing in spite of the fact that only 704,837 running words were analyzed. This may be explained in part by the fact that these letters were written over a larger geographical area, as well as over a longer period of time. On the other hand, an examination of the detailed list shows clearly that literary men use the language with great freedom. It is particularly interesting to note the commonness with which contractions, slang, and colloquial words appear in many of these letters.

Table 7 is a sample sheet of the words taken from the letters of gifted writers.

This table should be read: *around* was found in *The Gentlest Art* 12 times, in the letters of Abraham Lincoln 5 times, in the letters of John Hay 9 times, etc. It has a total of 87 and a weighted total of 261.

Weighted		TABLE 7																	
		Literary Men																	
Total	1	2	3	4	5	6	7	8	9		10	11	12	13	14	15	16	17	TOTALS
around	261	12									4		7						87
arouse	3																		3
aroused	12		3	2	1														6
arousing	1																		1
arraign	1		1																1
arrange	24		3	2		1	1				2	3							12
arranged	66	1	5	3	1	2	1		1		7			1					22
arrangement	93	1	5	16		2					2	4	1						31
arrangements	48		3	1	1	2	2	1			2	3	1						16
arranging	8						1				2	1							4
arrant	2										2								2
array	5										5	4							5
arrayed	5					1													5
arrays	1						1												1
arrears	2	1	1																2
arrest	5	1	4																5
arrested	20																		2
arresting	4		3		4			1			1								5
arrests	4		3																10
arrival	108	7	3	2	1		2	2			10	1	6	2					4
arrivals	1		1																4
arrive	75	7	3	1	1						3	2	4	3				1	36
																			1
																			25

The writers indicated by the figures which head the columns are listed on p. 32.

b. *The Vocabulary of Letters Printed in Magazines and Metropolitan Newspapers*

These contributions were analyzed in the belief that those who make them have more than average education and writing ability. The letters which were selected were largely controversial in character. They give evidence of having been written with considerable care, perhaps in some cases with a dictionary at hand. Being written expressly for publication, they do not have the personal quality noticeable in the letters chosen from well-known writers.

Letters were chosen from :

1. *The Atlantic Monthly*
2. *Chicago Daily Tribune*
3. *The Chicago Daily News*
4. *The Chicago Evening Post*

The vocabulary of Clarke's investigation (5 in Table 8) was also included. (See pages 14, 15.)

The actual number of running words recorded in this investigation, excluding the Clarke investigation, is 38,898. The estimate of the total number of running words examined must be made on a somewhat different basis from that used in the other sections of this monograph since in tabulating the number of words from the *Chicago Daily Tribune*, *The Chicago Daily News*, and *The Chicago Evening Post*, the three thousand words occurring most frequently in the compilation of 1922 were not recorded.⁴ The total number of running words examined, exclusive of names of persons and places, but inclusive of the credits from the Clarke list, was estimated by the writer and his assistants to be 178,101.

Table 8 is a sample of the tabulation sheets of this investigation. This table should be read: *around* was found 7 times in material contributed to *The Atlantic Monthly* and 3 times in material

⁴ This method was satisfactory in the case of the assistant who made these tabulations since she had spent two years of work on the earlier list and was therefore very familiar with the words in it. It was not used in the other sections of the tabulation because of the time required to train other assistants so that they could hold so many words in mind for purposes of tabulation. In using the data from *The Atlantic Monthly*, the *Chicago Daily Tribune*, *The Chicago Daily News*, and *The Chicago Evening Post*, estimates were made of the credits for each of the 372 special words (see page 18) but not for other words occurring in the first 3000 of the compilation of 1922. The credits given in Chapter IV are therefore somewhat too low in the case of words in the first 3000 of the compilation of 1922, with the exception of the 372 special words.

contributed to the *Chicago Daily Tribune*. It has a weighted and an unweighted total of 10. *Arrest* was found in the material contributed to the *Chicago Daily Tribune* 3 times, and 4 times in the material contributed to *The Chicago Daily News*, etc. In the entire study it has a total of 11 and a weighted total of 22.

TABLE 8
CORRESPONDENCE OF LETTERS CONTRIBUTED TO NEWSPAPERS AND MAGAZINES

Weighted Totals		Totals	1	2	3	4	5
10	around	10	7	3			
8	arouse	4		1		1	
3	aroused	3			2		1
2	arouses	2			2		
1	arraignment	1			1		
4	arrange	4	2	2			
2	arranged	2	2				
8	arrangement	8	7	1			
1	arrangements	1	1				
6	array	3	1			1	1
22	arrest	11		3	4	2	2
18	arrested	9			5	1	3
2	arrests	2				1	1
5	arrival	5	4	1			
2	arrivals	2					2
1	arrive	1		1			
6	arrived	6	6				
1	arrogant	1		1			
1	arrow	1	1				

The meaning of the figures which head the columns is shown in the list on p. 34.

In this monograph the only use made of the vocabulary of gifted writers and the vocabulary of letters contributed to periodicals is in determining the 10,000 commonest words used in writing. Since these two investigations together make up more than one-eighth of the total number of running words tabulated in all investigations, they have an important influence in determining the credits given to any word in the final tabulation. Moreover, by examining Table 10, which is a sample sheet from the final compilation, it will be seen that it is easy to determine from these sheets whether or not a word found in any other type of writing is used also by writers of more than average ability. The vocabulary of these writers may therefore be used as a measure of good usage.

4. VOCABULARIES OF LETTERS OF APPLICATION AND RECOMMENDATION

None of the earlier investigations reported data regarding words most commonly used in letters written in applying for positions or

in recommending others for positions. Since spelling errors in a written application are heavily penalized, it seemed worth while to discover what words are most commonly used in such letters.

Although some letters of application and recommendation were included among other types of correspondence, the only letters of this type which were tabulated separately were those which have to do with securing positions in teaching. The actual number of running words tabulated in this investigation was 61,456. The estimated number of running words examined, including estimates of the 372 words not tabulated, but excluding credits for names of persons and places (See Section A and also pages 40 to 44) is 157,069. Five thousand and twelve different words were found, exclusive of the omissions referred to on pages 40 to 44.

The amount of material analyzed is probably sufficient to indicate the words most frequently used in letters of this type of application and recommendation. One cannot, of course, generalize from this study as to the vocabulary of letters of application and recommendation in other professions or in business. Many words such as *recommendation* would be found in other types of letters of application and recommendation. Because of the seriousness of spelling errors in a letter of application, similar studies need to be made for other types of professions and business.

The column marked AR in Table 10 shows a sample of the alphabetical list of the words in this study.

5. THE VOCABULARY OF ADULT WRITING OTHER THAN CORRESPONDENCE

In most if not all of the earlier studies of adult writing needs, the assumption was made that the ordinary person writes little for others to read except letters. By questionnaires and by discussions in University classes in supervision, the writer attempted to discover upon what other occasions people write for others to read. The specialized writing done by those who make a living through some form of literary productions was disregarded. Two fairly common needs, in addition to writing letters, were discovered: first, the writing of minutes, resolutions, and committee reports; and second, the writing of excuses by parents to teachers. It seemed likely that a study of each of these types of writing needs would yield results of significance.

a. *The Vocabulary of Minutes, Resolutions, and Committee Reports*

This investigation was undertaken because a canvass of a large number of adults indicated that the writing of minutes, resolutions, and committee reports was practically universal, even though somewhat infrequent, among individuals who have completed a high school education. Many of the words most commonly used in minutes are very difficult to spell. An examination of actual sets of minutes showed that misspellings are not infrequent.

In obtaining data for this investigation, use was made of the printed minutes, resolutions, and committee reports of a large number of organizations. Among these are the following:

American Association for the Advancement of Science
Associated Advertising Clubs of the World
Association of American Universities
National Municipal League
Daughters of the American Revolution
National Education Association
Ancient and Accepted Scottish Rite of Freemasonry

In addition, a request was sent out to individuals in various communities in Iowa asking that they secure samples of minutes, resolutions, and committee reports from local organizations. Returns from this request were received from two types of organizations: first, various types of women's clubs; and second, various other types of organizations such as commercial clubs, boards of education, lodges, and athletic associations. From the amount of material analyzed and from an examination of the detailed word list, it seems probable that the important words peculiar to the writing of minutes, sets of resolutions, and committee reports are included in this list.

The actual number of running words recorded in this investigation was 49,479. The estimated number of running words examined, including the estimates of the 372 words not tabulated, but excluding credits for names of persons and places, (See Section A and also pages 40 to 44) is 126,459. Not counting the special words which were not recorded, 5,728 different words were found. Many of these words are very difficult to spell.

The column marked M in Table 10 shows a sample of the alphabetical list of the words of this study.

b. *The Vocabulary of Excuses Written to Teachers by Parents*

Through the coöperation of teachers, principals, and superintendents a large number of excuses was obtained. These were written in Ohio, Iowa, Minnesota, and Pennsylvania. The actual number of running words recorded in this investigation was 12,109. The estimated number of running words examined, including the estimates of the 372 words not tabulated, but excluding credits for names of persons and places, (See Section A and also pages 40 to 44) is 30,948. By the time this number of running words had been tabulated, it seemed clear that the number of new words which would be added by scoring a larger amount of this material would not be commensurate with the labor involved. Not counting the 372 special words which were not recorded, only 892 different words were found. It must be kept in mind that excuses are very short and that they deal, with few exceptions, with a relatively small range of subject matter. Except for the vocabulary needs arising in very unusual circumstances, it seems probable that this investigation discloses most of the words needed in writing excuses. Certainly, it discloses the words which are used with greatest frequency.

The outstanding impressions given by these excuses are that they are poorly written, that they seldom show a desire on the part of the parents to coöperate whole-heartedly with teachers, and that they are full of errors in spelling and in other phases of composition. Certainly no type of writing reported in this bulletin is so poorly written and so full of errors.

The column marked E in Table 10 is a sample of the alphabetical list of the words in this investigation.

6. THE VOCABULARY OF LETTERS OF A SINGLE INDIVIDUAL

Of the investigations described in Chapter I, only that by Cook and O'Shea reported data on the vocabulary of individual writers. Cook and O'Shea tabulated 40,000 running words for each of three persons whose personal correspondence they analyzed. They do not report separately the detailed word lists for these individuals, but they do report that in each case new words were found with each additional thousand running words tabulated.

The problem of securing a more extensive count of the vocabulary of one individual was chosen for solution by Miss Ethel Curtis, a graduate student at the State University of Iowa. An appropri-

ation was made for Miss Curtis to pay in part for the expense of making the necessary tabulations. She obtained permission to analyze the letters for a period of eight years in the back files of a superintendent of schools in a small city. The actual number of running words recorded in this investigation was 91,984. The estimated number of running words examined, including the estimates of the 372 words not tabulated, but excluding credits for names of persons and places, (See Section A and also pages 40 to 44) is 235,093. She found 6512 different words, exclusive of names of persons and places and the 372 special words not recorded. There is no indication that the limits of this individual's vocabulary were reached. Indeed a letter received from him by the writer after this tabulation was completed contained several new words not found in the material already tabulated.

The column marked S in Table 10 is a part of the alphabetical list of the words found in the investigation.

C. REDISTRIBUTION OF THE COMPILATION OF 1922

After the eight new investigations had been completed, the compilation of 1922 was examined in order to see whether or not the words in the various lists of that compilation could be classified with the data resulting from these new investigations. It was found that the vocabulary of bankers' letters, of the California Barrel Company, of the Emporium and Hale's Department Stores, and of farmers' letters could be classified under business letters. This was done. The words found in the letters of the members of the Parents' Association, Normal Training School, San Jose, California, were not included, since in the report of that investigation no frequencies are given. None of the other studies included in that compilation could be readily classified under this or any of the other sections of the new investigation. The Cook and O'Shea list and the Horn list of personal letters might have been classified under personal correspondence had the geographical source of the letters been available. Accordingly, the following studies were grouped as a separate unit under the arbitrary name, Composite List.

1. Andersen, *Determination of a Spelling Vocabulary Based Upon Written Correspondence.*

2. Cook and O'Shea, *The Child and His Spelling.*

3. Ayres, *The Spelling vocabularies of Personal and Business Letters.*

4. Burk, *Ninety-one Friends' Letters*.

5. Horn, *A Study of Highly Personal Correspondence*.

Table 9 is a sample sheet of the tabulation of this unit.

TABLE 9
COMPOSITE LIST

Weighted Total	Word	Total	1	2	3	4	5
784	around	392	159	143		5	85
1	aroused	1					1
190	arrange	95	58	12	18	3	4
22	arranged	22	19				3
100	arrangement	50	39	10			1
2	arrangements	2					2
2	arranging	2					2
1	arrest	1					1
2	arrested	2					2
52	arrival	26	19	5			2
226	arrive	113	33	55	7	13	5
212	arrived	106	45			13	48
2	arrives	2					2
36	arriving	18	7			10	1
198	article	99	69	7	18		5
2	articles	2					2
1	artificial	1					1
2	artificially	2		2			
9	artist	9	8				1
2	artistic	2					2

The table should be read: *around* was found in Andersen's study 159 times, in the Cook and O'Shea study 143 times, in Burk's study 5 times, and in the Horn study of personal correspondence 85 times. It has a total of 392 and a weighted total of 784.

The estimated total number of running words included in this composite list is 731,873. It is impossible to give the total number of different words found in these investigations since many investigators did not report all words found by them. For example, Andersen reports but 3087 words out of 9223 found by him.

D. METHOD FOR FINDING ESTIMATED WEIGHTED AND UNWEIGHTED TOTALS FOR WORDS NOT TABULATED IN THE EIGHT NEW INVESTIGATIONS

Since words of less than four letters and certain very common words were not scored in the investigations completed under the grant from the Commonwealth Fund (see page 21), it was necessary to determine which words were thus omitted as well as to determine the probable frequency of each of the omitted words.

The compilation of 1922 furnished the only data available for these estimates. Under the rules of the new investigation 372 words tabulated in the compilation of 1922 would have been omitted. These words, with their frequencies, were made the basis for determining the probable list of such omitted words and the estimated frequency of each word.

The sum of the frequencies of these 372 words in the compilation of 1922 was found to be 526,149. This number subtracted from the grand total 864,334 gives 338,185, which is the sum of the frequencies for all words when these 372 words are excluded. It was assumed that, if these special words had been tabulated in the new investigation, they would have occurred with approximately the same relative frequency. Thus, in the new investigation the ratio of the total number of running words to the sum of the frequencies of all words excluding these special words was assumed to be the same as in the compilation of 1922. According to this assumption, the total number of running words examined in the new investigation was computed to be 4,272,482. When to this number are added the 864,334 running words of the compilation of 1922, the estimated total number of running words examined in making the present compilation is found to be 5,136,816.⁵

The estimates of the total number of words included in the material examined in each section of the new investigation were made in a similar fashion. The resulting estimates are as follows:

Business	1,436,223
Literary	704,837
Personal	1,433,948
Application and recommendation	157,069
Newspapers and magazines	147,904
Minutes	126,459
Excuses	30,948
Single individual	235,093
<hr/>	
Total running words, new investigation	4,272,482
Total running words, compilation of 1922	864,334
<hr/>	
Total running words in present compilation	5,136,816

⁵ This estimate is, of course, not significant in the last three digits. It could properly be expressed in round numbers to the nearest thousand, but the last three digits are retained as found since they are likely to represent a nearer approximation to the correct number than any round number which could be assigned. The same comment applies to similar estimates in the following pages.

The total number of running words scored in the 1922 investigation (864,334) was then divided into 5,136,816, which is the total number of running words in the 1925 compilation including the 864,334 running words of the 1922 compilation. The quotient is 5.94. Since the final compilation is 5.94 times as extensive as the earlier one, the frequency of each word not tabulated in the new investigations was found in the 1922 compilation and multiplied by 5.94. The result is the estimated unweighted frequency with which each of these 372 words would most likely have been found had it been scored in the new investigations.

By examining Table 10 it will be seen that the credit number of each word in the final compilation is the sum of the weighted totals from the various investigations included in it. It was necessary to estimate the credit which should be assigned to each of the 372 words not tabulated in the new investigation. This estimate was made as follows:

Words in the first five hundred of the 1922 compilation which were also tabulated in the eight new investigations were arranged in alphabetical order with their weighted and unweighted frequencies in the 1925 compilation. The same procedure was followed for words in the second five hundred; and for words in the second, third, fourth, fifth, and sixth thousand of the earlier compilation. Then the sum of the unweighted frequencies for each group of words was divided into the sum of the weighted frequencies of these words. By this method the ratio of weighted to unweighted frequencies was determined for each group of words. In the first five hundred the weighted total was found to be 3.21 times the unweighted total; in the second five hundred, 3.12; in the second and third thousand, 2.64; in the fourth, fifth, and sixth thousand, and beyond, 2.21. The unweighted frequency of each special word in the first five hundred was therefore multiplied by 3.21; in the second five hundred by 3.12; in the second and third thousand by 2.64; in the fourth, fifth, and sixth thousand, and beyond, by 2.21. In this fashion the final weighted credits for each of the 372 words not scored in the new investigations were determined for the purpose of the final compilation.

It is difficult to give a satisfactory appraisal of the reliability of the estimates for these words. Since neither the 1922 nor the 1925 compilation represents a true sampling, a statistical determina-

tion of reliability is not possible. It is probable that the estimates for words of a high frequency and wide spread among the studies in the 1922 compilation are fairly reliable. The estimates for words of lower frequency and smaller spread are undoubtedly less reliable.⁶

From experience gained in making the present compilation the writer now believes that it would have been better to omit a larger number of high frequency words in the new tabulations, say the three hundred words of highest frequency, and to record all two- and three-letter words of lower frequency. It must be remembered, however, that only these 372 words have estimated credits and that the credits for the remaining 36,001 in the present compilation are based on actual counts.

Had all two- and three-letter words been recorded in the Commonwealth investigations, undoubtedly some words would have been found which are not in the 1922 compilation. Some indication of this possibility is obtained by examining the Thorndike list in order to see what two- and three-letter words occur in that list but not in the writer's 1922 compilation. There are 112 such words. These are given below, along with the credits assigned to them in the Thorndike list.

ah	2a	cud	3	gap	4a
aha	4	cue	4	gut	3
ale	5b	cur	5	hag	3
ant	4a	dam	4a	hew	4a
ape	9	din	5a	hey	5
ark	5a	dip	3a	ho	4a
ass	3b	doe	6	hue	5a
ax (axe)	2b	don	7	hut	3a
ay	5a	ebb	5b	imp	3
aye	7	eel	4	inn	3b
baa	5	eke	4	ire	4
ban	4	elf	5a	ivy	5a
bib	7	ell	4	jog	4
boo	4	era	6	jot	4
bun	8	ewe	4b	ken	4
bye	5b	fan	2b	kin	5b
caw	5b	fen	6	lag	5b
cob	6	fib	3	lee (L)	4b
cod	4b	fie	5	lid	3b
con	4	fob	3	lo	4b
coo	8	fog	4a	lop	5
cot	4a	fro	4a	mew	4a

⁶ See page 28. Also Kaeding, F. W., *Häufigkeitswörterbuch der deutschen Sprache*. Steglitz bei Berlin 1898. Pp. 5 to 55.

mum	3	ram	4a	tar	4b
nay	4a	rap	5a	tow	5b
nip	5b	ray	2b	tug	4b
nun	5b	rib	3a	urn	4b
O	1b	rim	5b	vat	5
oar	4b	rot	5b	vex	3a
ode	4	rum	4	wag	4b
oft	3b	sap	4a	wan	5b
orb	5a	shy	4b	wax	3a
ore	5b	sip	5b	web	3b
ox (oxen)	2b	sly	4a	wig	5a
pat	3b	sob	5a	woo	4a
paw	3a	sod	5a	ye	2b
ply	5a	sty	3	yea	3b
pod	5	tap	3a	yon	4a
pry	5				

It seems likely that some of these words would have been found in the Commonwealth investigations had two-and three-letter words been tabulated.

It is probable that the method of estimating the frequencies for two-and three-letter words caused some words to receive a larger credit than they should have. It is even possible that some of the words found in the compilation of 1922 would not have been found in the new investigations had all words been tabulated. However, it is interesting to note that of the 372 words whose frequencies were estimated, all but 13 occur in the Thorndike list. These words are: *ace, bum, eh, gee, guy, ilk, lax, lye, moo, par, pep, and rut.*

With the exception of the words in the Chancellor list and in the list of the Parents' Association, the words of each of the studies described on pages 7 to 17 are included under some one of the 9 headings which follow:

- Business
- Personal
- Literary Men
- Application and Recommendation
- Newspapers and Magazines
- Minutes
- Excuses
- Single Individual
- Composite

These investigations include, with one exception, all the data that the writer has been able to find relative to common adult-writing needs in English. The one exception is an unpublished study by Winifred Warning called "An Investigation of the Word Usage of Adults in Written Correspondence". A brief description of this

study was furnished the writer by Professor F. S. Breed of the University of Chicago.

Miss Warning is reported to have tabulated 309,387 running words of business, professional, personal, and form letters. She found 6682 different words on a dictionary basis and 10,107 different word forms. Her count is large enough to be valuable, when available, for comparison with words in this monograph. The information contained in Miss Warning's study came after the present compilation had been completed so that it would have been impossible to include her data even if they had been available.

It must be kept in mind that no investigation utilized in making the present compilation includes data on the vocabulary of children's themes. Unless some of the letters to college students were written by young brothers and sisters no data are included from children's letters. A beginning in the study of children's letters has been made by Superintendent Will C. French.⁷

Among the best known studies of the vocabulary of writing done in school are:

Jones, W. F., *Concrete Investigation of the Material of English Spelling*. Vermillion, University of South Dakota, 1913.

Bauer, Nicholas, *The New Orleans Public School Spelling List*. New Orleans, F. F. Hansell & Bro., 1916.

Kansas City, Missouri, Public Schools. *Preliminary Report of the Committee on Spelling*. Research Bulletin 2. Kansas City, Mo., Board of Education, 1916.

Tidyman, W. F., *Survey of the Writing Vocabularies of Public School Children in Connecticut*. Teachers' Leaflet No. 15, November, 1921.

McKee, Grace M., "Children's Themes as a Source of Spelling Vocabulary". *The Elementary School Journal*, November, 1924. Chicago: The University of Chicago. For a more detailed discussion see: McKee, Grace M., *The Vocabulary of Children's Themes*. Master's thesis, University of Iowa, July, 1924.

Capps, A. G., "Curriculum Content of a High-School Spelling Course". *Journal of Educational Research*, 2: 626-635 (October, 1920).

Lester, John A., "A Study of High School Spelling Material". *Journal of Educational Psychology*, 13: 65-74 (February, 1922); 152-159 (March, 1922).

⁷ For a brief description of his investigation see the Department of Superintendence *Fourth Yearbook*, 1926, pp. 144 and 145.

Cesander, P. K., *A Basic High School Spelling List*. Master's thesis, University of Iowa, July, 1925.

These are described briefly in the Department of Superintendence *Third Yearbook*, 1925, pages 135 to 143.

CHAPTER III

THE COMPILATION OF THE 10,000 WORDS MOST COMMONLY USED IN ADULT WRITING

A. GENERAL DESCRIPTION

When the alphabetical lists for each of the foregoing investigations had been completed after the manner described and illustrated in Tables 5, 6, 7, 8, and 9, the words with their weighted credits were compiled together. It must be kept in mind that these weighted credits were obtained in the case of each type of investigation by multiplying the total frequency of a word by the square root of the number of different sources in which the word was found. This compilation made it possible to determine the total credits belonging to each word. A sample page of the final tabulation is shown in Table 10. As will be seen from this table, the final tabulation shows each word found in any study, the study or studies in which it has been found, the credits for each study, and the sum of the credits in all of the studies. This table should be read: 765 of the credits for *around* come from business letters, 261 from letters of literary men, 3591 from personal letters, 19 from letters of application and recommendation, 10 from letters contributed to newspapers and magazines, 2 from minutes, 1 from excuses, 9 from the letters of a single individual, and 784 from the Composite List. The sum of the credits for *around* is 5442. It is in the third hundred of the Thorndike list.¹

It occurred to the writer to weight each word again according to the number of types of writing in which it was found. That is, a word occurring in four lists with a total frequency of 100, would have received a larger credit than a word appearing in but two lists with a total frequency of 100. However, this method was abandoned because of the belief that, since the spread of occurrence had already operated to give additional weight in each of the major lists, no further weighting was necessary in determining the total credits which a word should have. The credit for a word

¹ For the method of reading the symbols used by Thorndike see p. 55 of this monograph, or Thorndike, E. L., *Teacher's Word Book*, p. vi.

in the final compilation is, therefore, the sum of the weighted credits for a word in all of the nine lists included in the final tabulation.

The total number of running words examined in all the investigations included in the compilation is, in round numbers, 5,137,000, exclusive of proper nouns. This total is, of course, the sum of the unweighted frequencies of the words. Excluding names of persons and places, 36,373 different word forms were found.²

TABLE 10
SAMPLE FROM THE FINAL COMPILATION SHEETS

	B	L	M	P	A&R	N&M	M	E	S	C	Total	Thorndike
around	765	261	3591	19	10	2	1	9	784	5442		1a3
arouse	6	3	46		8	3				66		5b
aroused	3	12	54	1	3	2			1	76		
arouses	3			1	2					6		
arousing	2	1	1	1						5		
arraign		1								1		
arraignment					1					1		
arrange	1645	24	324	14	4	14		45	190	2260		2b
arranged	520	66	177	9	2	14	1	20	22	831		
arrangement	1290	93	87	16	8	13		41	100	1648		5a
arrangements	1096	48	104	24	1	17		19	2	1311		
arranges	1		2							3		
arranging	148	8	6	1		3			2	168		
arrant		2								2		7
array		5	3		6					14		4a

B. TENTATIVE LIST OF 10,000 WORDS

These 36,373 different word forms were then arranged in order of the size of their total credits. When tentative limits for each successive group of 500 words were thus established, 10,005 words were found to have a credit of 18 or more. Each word in the list was then examined carefully to see whether or not any influence had operated to give it a place in the list higher than would be warranted by its value in life. The ideal in every case was to determine the probable usefulness of the word in writing done in life outside the school.

² It will be noticed that this number is less than that earlier reported in the *Third Yearbook* of the Department of Superintendence. In the earlier report all word forms were counted. The number 36,373 is the total obtained when the variant spellings of each word are counted as one word and when words wrongly compounded in the materials originally tabulated are counted under the words which make them up. The problem of determining what constitutes a word is exceedingly difficult because of the lack of agreement on the part of various dictionaries and also because of the fact that under certain circumstances words are correctly joined with hyphens which are ordinarily not so joined.

C. REDUCTION OF CREDITS IN CERTAIN INSTANCES

It was found that the total credits for many words were heavily influenced by the correspondence from a single source. For example, the word *arithmetics* with a total credit of 48, received 38 credits from one of the 26 types of business. In a similar way, it received 8 credits from the letters of one man.

It was decided to limit the contribution of a single source in the following manner. No one type of business was allowed to contribute credits equal to more than 5 per cent of the total credits which the word received in the final tabulation. In a similar way, the letters of any one literary man were not allowed to contribute more than 5 per cent of the total credits. The contributions from the letters of a single individual, from letters from a single periodical, and from letters of application and recommendation, as well as credits from the Cook and O'Shea, the Ayres, the Burk, and the Horn lists in the Composite List were limited in the same fashion. Credits from the Cook and O'Shea list were so limited because this study is based on the analysis of correspondence of but 13 individuals. The contributions from a single periodical were limited for three reasons: because writing for periodicals is a relatively infrequent type of writing on the part of non-professional writers, is likely to be influenced by temporary interests, and is not universal among adult writers. The credits from letters of application and recommendation were limited because but one type of application was tabulated.

This reduction of credits eliminated so many words that it was necessary to include words of a frequency of 15 or more in order to form a revised tentative list of approximately 10,000 words. This new list was then examined very critically to determine whether or not some of these words should be eliminated and replaced by words of lower frequency but greater probable value.

By examining Tables 5, 6, 7, 8, 9, and 10, it will be seen that 65 different items of credit are possible for any given word: 26 from business letters, 8 from personal letters, 17 from literary men, 5 from newspapers and magazines, 5 from the Composite List, 1 from letters of application and recommendation, 1 from the letters of a single individual, 1 from minutes, and 1 from excuses. Both the total frequency of a word and its spread among these 65 items were taken into account in selecting the 10,000 most impor-

tant words. In the first preliminary list the total number of different studies was recorded as well as the total credit for each word. However, an examination of this preliminary list showed clearly that the total credit and the number of different studies taken alone would not suffice for selecting words on the basis of their importance. After trial of various procedures, the following rules were adopted and used except in the case of a few words which will later be specifically noted as exceptions.

D. RULES FOR SELECTING THE 10,000 COMMONEST WORDS

1. Exclude all words with a credit of 14 or less.
2. Examine the spread of all words having a credit of 15 or more. When more than half of the credits for any word come from a single type of writing, accept or reject each word on the basis of the following rules:
 - a. When more than half of the credits for a word come from business letters, exclude any word not having a credit of 6 in addition to those in the business list unless:
 - (1) The word has a total credit of 23 and is in 6 or more types of business.
 - (2) The word has a total credit of 15, is in 4 types of business, and among Thorndike's³ first 5000 words.
 - (3) The word has a total credit of 20, is in 4 types of business, and among Thorndike's second 5000 words.
 - b. When more than half of the credits for a word come from letters of literary men, exclude any word not having a credit of at least 6 in addition to those in the list for literary men unless:

³ Thorndike, E. L., *The Teacher's Word Book*. See also *Teachers College Record*, September, 1921.

Although the data resulting from this investigation are for the vocabulary of reading, they are used here because of the belief that the nature of language is such that they give an added index of the universality of the use of a word. It must be kept in mind that no word is included in the list of 10,000 most important words in writing unless it has 11 or more credits from the counts of the present investigation. The Thorndike data merely help to decide, for words which are marginal in importance in writing, which should be included in this list and which should be rejected.

- (1) The word has a total credit of 23 and is found in the correspondence of 5 or more individuals.
 - (2) The word has a total credit of 20, is in the correspondence of 4 or more individuals, and also in the Thorndike list.
(Note: Occurrence in *The Gentlest Art* is counted as occurrence in the vocabulary of only one individual, since it is not possible to tell from the tabulation sheets whether more than one person used the word.)
- c. When more than half of the credits for a word come from personal letters, exclude any word which does not have a total credit of 6 or more in addition to those in the personal list unless:
- (1) The word has a total credit of 15 and is found in the correspondence of 3 or more sections of the country.
 - (2) The word has a total credit of 15, is found in the correspondence of 2 or more sections of the country, and is in the Thorndike list.
- d. When more than half of the credits for a word come from letters of application and recommendation, exclude any word which does not have a total credit of 6 in addition to those in ~~this~~ list unless:
- (1) The word has a total credit of 30 or more.
 - (2) The word has a total credit of 20 or more and is among the second 5000 words of the Thorndike list.
 - (3) The word has a total credit of 15 and is in Thorndike's first 5000 words.
- e. When more than half of the credits for a word come from letters contributed to newspapers and magazines, exclude any word not having a credit of 6 (exclusive of credits in the list for literary men), in addition to the credits in this list unless:
- (1) The word has a total credit of 23 and is found in 3 periodicals.
 - (2) The word has a total credit of 23, is found in 2 periodicals, and among the second 5000 words of the Thorndike list.

- (3) The word has a credit of 20 or more, is in 2 periodicals, and is found also among the first 5000 words of the Thorndike list.
- f. When more than half of the credits for a word come from minutes:
Follow the same procedure as for letters of application and recommendation.
- g. When more than half of the credits for a word come from excuses:
Follow the same procedure as for letters of application and recommendation.
- h. When more than half of the credits for a word come from the letters of a single individual, exclude any word not having a credit of 8 in addition to the credits in this list (exclusive of credits in letters of application and recommendation), unless:
 - (1) The word is among the first 5000 words of the Thorndike list.
 - (2) The word has 6 or more credits in addition to those in this list, and is also among the second 5000 words of the Thorndike list.
- i. When more than half of the credits for a word come from the Composite List, exclude any word not having a credit of 6 in addition to the credits in this list unless:
 - (1) The word has a credit of 23 and is in 2 or more of the studies included in this list.
 - (2) The word has a credit of 15 or more and is among the first 5000 words of the Thorndike list.
 - (3) The word has a credit of 20 or more and is found also among the second 5000 words of the Thorndike list.
 - (4) The word is either among the words in both the Andersen and the Cook and O'Shea investigations with a total credit of 20, or is among the words of one of these lists, and among the words of 3 additional investigations included in the Composite List.
- j. Special rules for including or rejecting words omitted according to provisions on page 21.

The totals of these words are estimates. The method by which these estimates were made is described on pages 40 to 44. These words were included in or omitted from the 10,000 word list according to the following rules:

- (1) Include all words with estimated totals of 14 or more which are found also among the first 5000 words of the Thorndike list.
 - (2) Include all words with estimated totals of 40 or more which occur also among the second 5000 words of the Thorndike list.
 - (3) Include any word not in Thorndike but having an estimated total of 70 or more, providing the word is found in at least two of the investigations included in the compilation of 1922.
- k. In the case of words coming near the end of the 10,000 limit, give preference, other things being equal, to words of the greatest spread among the various types of writing, and to base words rather than to forms not reported separately by Thorndike.
3. It was found that there were not quite 10,000 words which fully met the conditions of these rules. In order to make up a list of 10,000, additional words were selected which most nearly met the requirements laid down by the rules.

E. EVALUATION OF THE RULES

These rules were formulated empirically and, no doubt, have defects. Some words which satisfy the rules but which have a large credit from a single type of adult writing are perhaps given a higher place than general social usage would warrant. The impression gained in the process of applying these rules to the selection of words is that important words were chosen and unimportant words left out. This method of selection has certain advantages as well as certain disadvantages in comparison with that used by Thorndike in selecting his list. While the writer believes that with the experience gained through the use of these rules he could improve them somewhat, it is doubtful whether such improvement would displace more than a few hundred words from the list. The amended rules which the writer has in mind would change chiefly the relative position of certain words.

In the Appendix, Part 1, will be found a list of all the words having a frequency of 15 or more which were not included in the list of 10,000 words because of their failure to meet all the rules or for reasons given in Part 3. The rules were followed strictly, except as specifically noted in Part 2 and Part 3 of the Appendix. In Part 2 of the Appendix is given a list of the words which do not quite satisfy the requirements of the rules but are included. In Part 3 is given a list of the words which do satisfy the rules but are excluded for other considerations. In Part 4 is given a list of all words with a frequency of 14 or 13 and which are not included in the list of 10,000 words. These words are therefore just over the border line in importance.

CHAPTER IV

THE LIST OF 10,000 WORDS MOST COMMONLY USED IN ADULT WRITING

A. KEY TO SYMBOLS USED IN PRINTING THE WORD LIST

The 10,000 words most important in writing are printed in alphabetical order. Names of persons and places are omitted. The credits for all words not appearing in italics are based on actual counts in the various investigations. The words in italics owe their credits to estimates based on the data of the compilation of 1922. Words preceded by an asterisk are found also in the Thorndike list. Words preceded by a dagger, while not reported by Thorndike in the form in which they appear in this list, are reported by him in some form from which they can be built up by adding endings not reported separately in his investigation. Thus, *acts*, *acted*, *acting* do not appear in the Thorndike list, but they can be formed by adding to *act*, which does appear in his list, the endings *s*, *ed*, and *ing*.

The relative frequency of words appearing in this list is indicated by numbers or by numbers and letters combined. For the first 5000 words the writer has followed Professor Thorndike's plan of combining letters and numbers to indicate in which thousand and in which half of that thousand a word belongs. This facilitates a comparison of the two lists. For example, *2a* means that a word is in the first half of the second thousand; *1b* that it is in the second half of the first thousand; *5a* that it is in the first half of the fifth thousand, etc. As in the Thorndike list, words beyond the fifth thousand are followed by numbers only. However, in comparing the words in this list with the last 5000 words in the Thorndike list, it must be remembered that the credit numbers are not assigned on the same basis in the two studies. It must also be remembered that since certain derived forms are credited to base words in the Thorndike list, it is to be expected that base words will rank higher in that list than in the present list.¹

¹ Thorndike, E. L., *Teacher's Word Book*, Teachers College, Columbia University, New York, 1921, page v.

The following table gives a key to the position of words bearing the various number and letter combinations:

<i>Credit Numbers</i>	<i>Position of Word</i>	<i>Key to Symbol</i>
715,130-3,448	1-500	1a
3,444-1,367	501-1000	1b
1,366-714	1001-1500	2a
713-443	1501-2001	2b
442-303	2002-2501	3a
302-213	2502-2994	3b
212-158	2995-3500	4a
157-121	3501-3997	4b
120-94	3998-4495	5a
93-75	4496-5001	5b
74-50	5002-6024	
49-36	6025-7017	
35-27	7018-7978	
26-20	7979-9065	
19-11	9066-10,000	

Attention is again called to the fact that the position of all words in italics is a matter of estimate based upon the occurrence of these words in the 864,334 running words which were tabulated before the beginning of the investigation under the grant from the Commonwealth Fund. For a discussion of the reliability of these estimates see pages 40 to 44.

A

57

Accuracy

*a	859,119	1a	†accepted	872	2a
*abandon	55		†accepting	213	3b
†abandoned	58		†accepts	20	
abeyance	40		*access	70	
*abhor	15		accessible	18	
*abide	51		†accessories	22	
†abilities	24		*accident	409	3a
*ability	630	2b	*accidental	37	
*able	8,660	1a	†accidentally	23	
†ably	22		†accidents	75	5b
abnormal	25		*accommodate	220	3b
*aboard	42		†accommodating	28	
*abode	34		*accommodation	143	4b
*abolish	19		†accommodations	41	
†abolished	23		†accompanied	273	3b
*abominable	23		†accompanies	22	
*about	52,898	1a	*accompany	177	4a
*above	6,531	1a	†accompanying	100	5a
*abroad	223	3b	*accomplish	209	4a
*abrupt	43		†accomplished	239	3b
*absence	1,094	2a	†accomplishing	25	
*absent	843	2a	*accomplishment	39	
*absolute	232	3b	†accomplishments	29	
†absolutely	1,503	1b	*accord	77	5b
*absorb	31		*accordance	1,953	1b
†absorbed	41		†accorded	26	
†absorbing	17		*according	2,132	1b
*abstract	212	4a	*accordingly	1,081	2a
*absurd	115	5a	*account	16,919	1a
absurdity	20		accountant	34	
*abundance	29		†accounted	59	
*abundant	36		†accounting	261	3b
*abuse	76	5b	†accounts	1,366	2a
†abused	54		accredited	32	
academic	40		accrued	120	5a
*academy	61		acct.	23	
*accent	43		*accumulate	65	
*accept	4,230	1a	†accumulated	41	
acceptable	325	3a	accumulation	21	
*acceptance	372	3a	accuracy	43	

Accurate

58

Admiration

*accurate	179	4a
†accurately	62	
*accuse	49	
†aceused	90	5b
†accustomed	129	4b
*ache	112	5a
†aches	25	
*achieve	21	
†achieved	20	
*achievement	55	
*acid	31	
*acknowledge	3,041	1b
†acknowledged	313	3a
†acknowledging	288	3b
acknowledgment	422	3a
*acquaint	39	
*acquaintance	472	2b
†acquaintances	69	
†acquainted	793	2a
*acquire	77	5b
†acquired	80	5b
†acquiring	22	
*acre	194	4a
†acres	209	4a
*across	1,154	2a
*act	1,760	1b
†acted	250	3b
†acting	338	3a
*action	2,425	1b
†actions	155	4b
*active	510	2b
†actively	38	
†activities	360	3a
*activity	136	4b
*actor	31	
†actors	26	
*actress	20	
†acts	142	4b
*actual	567	2b
†actually	653	2b

*acute	36	
ad.	30	
*adapt	16	
adaptable	41	
†adapted	114	5a
*add	2,225	1b
†added	787	2a
†adding	175	4a
*addition	1,426	1b
*additional	2,890	1b
†additions	118	5a
*address	5,028	1a
†addressed	2,051	1b
†addresses	217	3b
†addressing	132	4b
†adds	71	
*adequate	144	4b
†adequately	33	
*adhere	30	
*adieu	73	
*adjacent	28	
*adjective	15	
†adjoining	55	
*adjourn	73	
†adjourned	213	3b
adjournment	50	
*adjust	552	2b
adjustable	29	
†adjusted	297	3b
†adjusting	77	5b
*adjustment	1,436	1b
†adjustments	53	
*administer	23	
*administration	297	3b
administrative	15	
*administrator	27	
*admirable	115	5a
†admirably	38	
*admiral	68	
*admiration	138	4b

Admire

59

Agent

*admire	279	3b
†admired	121	4b
*admirer	35	
†admiring	21	
*admission	129	4b
*admit	604	2b
†admits	26	
†admitted	217	3b
†admitting	26	
*adopt	204	4a
†adopted	531	2b
†adopting	36	
*adoption	67	
adorable	166	4a
*adoration	38	
*adore	84	5b
*adorn	34	
*adult	19	
*advance	3,187	1b
†advanced	594	2b
*advancement	75	5b
†advances	64	
†advancing	58	
*advantage	2,188	1b
*advantageous	64	
†advantages	262	3b
*adventure	84	5b
†adventures	54	
*adverse	19	
*advertise	98	5a
†advertised	177	4a
*advertisement	217	3b
†advertisements	27	
†advertising	1,792	1b
*advice	1,399	1b
†advice	48	
advisability	37	
*advisable	670	2b
*advise	11,418	1a
†advised	2,886	1b

*adviser	24	
†advisers	19	
†advises	377	3a
†advising	1,554	1b
advisory	15	
*advocate	46	
*aërial	24	
*affair	646	2b
†affairs	724	2a
*affect	183	4a
†affected	175	4a
†affecting	40	
*affection	217	3b
*affectionate	434	3a
†affectionately	357	3a
†affections	70	
†affects	45	
affidavit	127	4b
affidavits	28	
affiliated	26	
affirmative	33	
*affliction	20	
*afford	494	2b
†afforded	42	
†affords	23	
*afire	14	
*afloat	27	
aforesaid	40	
*afraid	2,156	1b
*after	23,016	1a
*afternoon	5,148	1a
†afternoons	89	5b
†afterwards	546	2b
*again	15,820	1a
*against	4,938	1a
*age	1,669	1b
*aged	39	
†agencies	110	5a
*agency	528	2b
*agent	1,599	1b

Agents

60

Ambassador

†agents	375	3a
†ages	257	3b
*aggravate	42	
aggregating	23	
*aggressive	48	
agitation	31	
*ago	9,781	1a
*agony	36	
*agree	1,634	1b
*agreeable	654	2b
†agreeably	17	
†agreed	491	2b
†agreeing	18	
*agreement	1,002	2a
†agrees	102	5a
*agricultural	105	5a
*agriculture	253	3b
*ahead	988	2a
*aid	1,051	2a
*ail	40	
*aim	565	2b
†aimed	18	
†aiming	24	
†aims	29	
*ain't	33	
*air	972	2a
*airplane	27	
*aisle	11	
*alarm	62	
†alarmed	35	
*alas	131	4b
*alcohol	59	
*alert	28	
*alfalfa	43	
*algebra	112	5a
*alike	134	4b
*alive	377	3a
*all	91,568	1a
†alleged	59	
*alley	50	

*alliance	73	
*allied	29	
allotment	43	
allotted	15	
*allow	1,712	1b
*allowance	462	2b
†allowed	1,372	1b
†allowing	365	3a
†allows	55	
all right	471	2b
alluded	58	
allusion	19	
*almost	4,538	1a
*alone	2,270	1b
*along	5,544	1a
*aloud	65	
*alphabet	19	
alphabetical	17	
*already	4,555	1a
*also	20,227	1a
*altar	40	
*alter	65	
*alteration	40	
†alterations	32	
†altered	38	
*alternate	46	
alternative	40	
*although	3,191	1b
*altitude	31	
*altogether	687	2b
*aluminum	37	
alumnae	63	
*alumni	96	5a
*always	10,874	1a
*am	66,816	1a
A. M.	210	4a
*amateur	30	
†amazed	15	
†amazing	20	
*ambassador	62	

Ambition

61

Anyway

*ambition	293	3b
†ambitions	74	
*ambitious	92	5b
ambulance	42	
*amen	13	
*amend	37	
†amended	54	
*amendment	103	5a
*American	986	2a
*amiable	93	5b
*amid	17	
*amiss	32	
*ammunition	24	
*among	2,456	1b
*amongst	29	
*amount	11,873	1a
†amounted	108	5a
†amounting	1,268	2a
†amounts	769	2a
*ample	238	3b
†amply	26	
*amuse	131	4b
†amused	148	4b
*amusement	151	4b
†amusements	26	
†amusing	205	4a
*an	39,168	1a
*analysis	194	4a
analyze	26	
anatomy	31	
*anchor	43	
†anchored	19	
*ancient	291	3b
*and	519,583	1a
*angel	107	5a
†angels	73	
*anger	24	
*angle	120	5a
†angles	39	
*angry	223	3b

*anguish	22	
*animal	144	4b
†animals	81	5b
†animated	22	
*ankle	127	4b
*anniversary	104	5a
*announce	155	4b
†announced	221	3b
*announcement	265	3b
†announcements	40	
†announcing	52	
*annoy	16	
*annoyance	102	5a
†annoyed	27	
†annoying	22	
*annual	945	2a
†annually	70	
annum	75	5b
*another	9,276	1a
Ans. (a)	37	
*answer	7,319	1a
†answered	1,101	2a
†answering	1,742	1b
†answers	345	3a
*anticipate	259	3b
†anticipated	109	5a
†anticipating	101	5a
anticipation	151	4b
*antique	33	
*antiquity	23	
*anxiety	166	4a
*anxious	3,364	1b
†anxiously	86	5b
*any	51,010	1a
*anybody	624	2b
*anyhow	273	3b
*anyone	1,652	1b
*anything	8,495	1a
anytime	44	
*anyway	1,981	1b

Anywhere

62

Architects

*anywhere	472	2b
*apart	157	4b
*apartment	321	3a
†apartments	55	
*apiece	47	
†apologies	74	
apologize	101	5a
apologizing	25	
*apology	138	4b
*apparatus	59	
*apparel	24	
*apparent	219	3b
†apparently	722	2a
*appeal	432	3a
†appealed	28	
†appealing	24	
†appeals	103	5a
*appear	1,463	1b
*appearance	413	3a
†appearances	67	
†appeared	329	3a
†appearing	199	4a
†appears	720	2a
appendicitis	62	
appendix	31	
*appetite	112	5a
*applause	38	
*apple	153	4b
†apples	130	4b
*appliance	27	
applicable	55	
*applicant	129	4b
†applicants	43	
*application	2,387	1b
†applications	220	3b
*applied	733	2a
†applies	171	4a
*apply	1,417	1b
†applying	329	3a
*appoint	110	5a

†appointed	449	2b
†appointing	15	
*appointment	314	3a
†appointments	27	
*appreciate	8,523	1a
†appreciated	2,451	1b
†appreciates	74	
†appreciating	85	5b
*appreciation	637	2b
*appreciative	30	
*apprehend	33	
*apprehension	51	
*approach	130	4b
†approached	53	
†approaches	41	
†approaching	67	
*approbation	29	
*appropriate	120	5a
†appropriated	28	
appropriation	69	
appropriations	28	
*approval	1,879	1b
*approve	412	3a
†approved	978	2a
†approves	20	
†approving	22	
*approximate	224	3b
†approximately	514	2b
Apr.	27	
* <i>April</i>	2,892	1b
*apron	103	5a
†aprons	29	
apropos	19	
* <i>apt</i>	66	
*arbitrary	16	
arbitration	16	
*arbor	12	
*arch	39	
*architect	49	
†architects	43	

Architectural

63

Assigned

architectural	29		*arrow	12	
*architecture	34		* <i>art</i>	924	2a
arduous	19		*article	1,550	1b
* <i>are</i>	141,147	1a	†articles	754	2a
*area	67		*artificial	111	5a
*aren't	378	3a	*artist	106	5a
*argue	68		*artistic	92	5b
*argument	295	3b	†artists	37	
†arguments	108	5a	†arts	115	5a
*arise	185	4a	* <i>as</i>	123,469	1a
†arisen	42		*ascend	21	
†arises	54		*ascertain	265	3b
†arising	40		*ashamed	652	2b
aristocracy	26		*ashes	36	
*aristocratic	21		*ashore	27	
*arithmetic	91	5b	*aside	362	3a
* <i>arm</i>	2,075	1b	* <i>ask</i>	9,707	1a
†armed	40		†asked	4,985	1a
†armies	30		†asking	3,111	1b
*armor	20		†asks	168	4a
†arms	357	3a	*asleep	250	3b
*army	604	2b	*asparagus	33	
*arose	58		*aspect	80	5b
*around	5,442	1a	†aspects	22	
*arouse	66		*asphalt	23	
†aroused	58		†aspirations	18	
*arrange	2,260	1b	*assault	18	
†arranged	831	2a	*assemble	38	
*arrangement	1,648	1b	†assembled	49	
†arrangements	1,311	2a	*assembly	195	4a
†arranging	168	4a	*assent	48	
*array	14		*assert	31	
arrears	34		assertion	29	
*arrest	44		†assessed	34	
†arrested	64		*assessment	48	
*arrival	842	2a	†assessments	20	
*arrive	1,052	2a	asset	26	
†arrived	1,810	1b	assets	59	
†arrives	197	4a	*assign	53	
†arriving	193	4a	†assigned	227	3b

Assigning

64

Attributed

†assigning	20	
*assignment	236	3b
†assignments	38	
*assist	779	2a
*assistance	1,155	2a
*assistant	511	2b
†assistants	40	
†assisted	29	
†assisting	79	5b
assn.	32	
*associate	116	5a
†associated	157	4b
†associates	45	
*association	1,403	1b
†associations	47	
assorted	70	
*assortment	230	3b
Asst. (a)	37	
*assume	997	2a
†assumed	163	4a
†assumes	31	
†assuming	157	4b
assumption	57	
*assurance	311	3a
*assure	2,880	1b
†assured	891	2a
*assuredly	26	
†assures	28	
†assuring	938	2a
*astonish	20	
†astonished	41	
†astonishing	44	
*astonishment	15	
*astray	79	5b
*asylum	29	
*at	116,263	1a
*ate	628	2b
athlete	38	
*athletic	117	5a
†athletics	128	4b

atlas	15	
*atmosphere	144	4b
Att. (a)	28	
*attach	456	2b
†attached	3,341	1b
†attaching	479	2b
*attachment	81	5b
†attachments	46	
*attack	252	3b
†attacked	46	
†attacks	35	
*attain	82	5b
†attained	51	
*attempt	854	2a
†attempted	160	4a
†attempting	147	4b
†attempts	67	
*attend	1,883	1b
*attendance	224	3b
*attendant	50	
†attendants	14	
†attended	542	2b
†attending	424	3a
†attends	19	
*attention	17,004	1a
†attentions	41	
*attentive	62	
*attest	19	
*attic	23	
*attire	19	
*attitude	516	2b
*attorney	683	2b
†attorneys	184	4a
*attract	53	
†attracted	29	
*attraction	91	5b
†attractions	33	
*attractive	631	2b
*attribute	27	
†attributed	22	

Auction

65

Baker

*auction	16	
*audience	165	4a
audit	53	
auditing	40	
auditor	109	5a
auditorium	85	5b
*Aug.	87	5b
*August	1,984	1b
*aunt	1,122	2a
auntie	61	
†aunts	16	
auspices	32	
*authentic	43	
*author	413	3a
†authorities	177	4a
*authority	690	2b
*authorize	169	4a
†authorized	335	3a
†authorizing	50	
†authors	75	5b
*auto	608	2b
*automatic	89	5b
automatically	31	
*automobile	567	2b
†automobiles	32	
†autos	17	
*autumn	30	
*auxiliary	15	
*avail	155	4b
*available	1,380	1b
*Ave. (a)	181	4a
*avenue	603	2b
*average	1,351	2a
*avoid	670	2b
†avoided	111	5a
†avoiding	36	
*await	356	3a
†awaited	57	
†awaiting	1,251	2a
*awake	191	4a

*awaken	33	
†awakened	38	
†awakening	25	
*award	50	
†awarded	48	
*aware	388	3a
*away	6,422	1a
*awe	13	
*awful	1,985	1b
†awfully	1,177	2a
*awhile	332	3a
*awkward	92	5b
*awoke	55	
*axle	16	
*babe	25	
*babies	75	5b
*baby	1,455	1b
baby's	22	
*bachelor	73	
*back	13,089	1a
*backbone	22	
†backed	66	
background	81	5b
†backing	58	
†backs	55	
*backward	135	4b
†backwards	25	
*bacon	57	
bacteria	17	
*bad	8,770	1a
*bade	20	
*badge	14	
†badly	903	2a
*bag	628	2b
*baggage	56	
†bags	221	3b
*bake	138	4b
†baked	66	
*baker	22	

Bakery

66

Bearer

bakery	60	
†baking	60	
*balance	7,391	1a
†balanced	99	5a
†balances	132	4b
*balcony	25	
*bald	41	
*bale	18	
†bales	47	
*ball	1,026	2a
*ballot	106	5a
†balls	67	
*balmy	12	
*banana	24	
*band	524	2b
*bandage	19	
†bands	33	
*bang	24	
*banjo	13	
*bank	5,158	1a
*banker	157	4b
†bankers	40	
†banking	261	3b
*bankrupt	50	
*bankruptcy	129	4b
†banks	302	3b
*banner	32	
*banquet	588	2b
*Baptist	23	
†baptized	19	
*bar	27	
*barbarous	14	
*barber	29	
*bare	117	5a
†barely	91	5b
*bargain	140	4b
*bark	30	
*barley	37	
*barn	237	3b
†barred	17	

*barrel	239	3b
†barrels	156	4b
*barren	14	
†bars	68	
*base	370	3a
*baseball	214	3b
†based	513	2b
*basement	154	4b
†bases	40	
*bashful	40	
basic	27	
*basin	28	
*basis	1,771	1b
*basket	390	3a
basketball	366	3a
†baskets	22	
*bass	21	
*bat	282	3b
batch	21	
*bath	315	3a
*bathe	30	
†bathing	92	5b
*bathrobe	14	
*bathroom	20	
†batteries	29	
*battery	207	4a
*battle	229	3b
†battles	27	
*bay	314	3a
bazaar	25	
*be	147,612	1a
*beach	265	3b
*bead	16	
†beads	46	
*beam	44	
*bean	79	5b
†beans	73	
*bear	1,271	2a
*beard	39	
*bearer	34	

Bearing

67

Benevolence

*bearing	603	2b	†beginning	2,010	1b
†bearings	22		†begins	310	3a
†bears	130	4b	begrudge	18	
*beast	52		*begun	350	3a
*beat	908	2a	*behalf	258	3b
*beaten	168	4a	*behave	63	
†beating	87	5b	†behaved	57	
†beats	43		†behaving	22	
*beau	40		*behavior	93	5b
†beauties	39		*beheld	19	
*beautiful	2,496	1b	*behind	1,088	2a
†beautifully	135	4b	*behold	76	5b
*beauty	851	2a	*being	13,658	1a
beaux	17		†beings	32	
*became	529	2b	*belief	361	3a
*because	13,077	1a	*believe	12,847	1a
*become	1,865	1b	†believed	346	3a
†becomes	311	3a	†believes	99	5a
†becoming	321	3a	†believing	173	4a
*bed	7,075	1a	*bell	360	3a
*bedding	29		†bells	60	
*bedroom	88	5b	*belong	361	3a
†bedrooms	23		†belonged	122	4b
†beds	69		†belonging	185	4a
*bedtime	42		†belongs	172	4a
*bee	267	3b	*beloved	150	4b
*beef	63		*below	822	2a
*been	57,282	1a	*belt	312	3a
*beer	33		†belts	37	
*beet	30		*bench	65	
*before	24,370	1a	*bend	14	
*beforehand	46		†bending	23	
*beg	4,940	1a	*beneath	45	
*began	891	2a	*benediction	20	
*beggar	20		beneficial	80	5b
†begged	75	5b	beneficiary	59	
†begging	79	5b	*benefit	985	2a
*begin	1,895	1b	†benefits	107	5a
*beginner	17		†benefited	35	
†beginners	26		*benevolence	19	

Benevolent

68

Bloom

benevolent	34	
*bent	48	
†berries	41	
*berry	24	
*berth	22	
*beset	17	
*beside	429	3a
*besides	1,296	2a
*best	12,199	1a
*bestow	37	
†bestowed	23	
*bet	628	2b
*betray	32	
*better	12,906	1a
*between	3,848	1a
*beware	50	
*beyond	1,009	2a
*bias	12	
*Bible	84	5b
*bicycle	27	
*bid	438	3a
†bidding	39	
†bids	126	4b
*big	9,364	1a
*bigger	203	4a
*biggest	159	4a
*bill	6,087	1a
†billed	641	2b
†billing	342	3a
†bills	1,847	1b
*bind	44	
*binder	43	
†binding	167	4a
*biography	32	
biology	28	
*bird	227	3b
†birds	279	3b
*birth	164	4a
*birthday	1,111	2a
†birthdays	18	

*biscuit	26	
†biscuits	28	
*bishop	80	5b
*bit	3,373	1b
*bite	67	
*bitter	84	5b
†bitterly	41	
*bitterness	34	
*black	2,161	1b
†blackberries	25	
*blackboard	18	
*blacksmith	17	
†blades	40	
*blame	646	2b
†blamed	42	
*blank	1,760	1b
*blanket	64	
†blankets	43	
†blanks	305	3a
*blast	28	
bldg.	22	
*blend	15	
*bless	320	3a
†blessed	204	4a
*blessing	121	4b
†blessings	34	
*blew	77	5b
*blind	179	4a
†blindly	22	
*blindness	19	
†blinds	22	
*bliss	23	
*blizzard	109	5a
*block	668	2b
blockade	26	
†blocks	197	4a
*blond	32	
*blood	344	3a
*bloody	50	
*bloom	144	4b

Bloomers**69****Bothers**

*bloomers	56	
†blooming	114	5a
*blossom	61	
†blossoms	68	
*blot	31	
*blouse	82	5b
*blow	343	3a
†blowing	113	5a
†blown	91	5b
†blows	74	
*blue	2,006	1b
†blues	87	5b
*bluff	87	5b
*blunder	39	
†blunders	18	
*blush	38	
†blushing	20	
*board	2,932	1b
*boarder	13	
†boarders	29	
†boarding	109	5a
†boards	173	4a
*boast	25	
*boat	524	2b
†boats	106	5a
*bob	40	
†bobbed	139	4b
†bodies	83	5b
bodily	33	
*body	892	2a
*boil	47	
†boiled	38	
*boiler	186	4a
†boilers	28	
†boiling	31	
*bold	74	
†boldly	24	
*bolt	37	
†bolts	140	4b
*bond	870	2a

†bonds	585	2b
*bone	95	5a
†bones	72	
*bonnet	46	
*bonus	131	4b
*book	10,713	1a
*bookcase	33	
†booked	163	4a
bookkeeper	57	
bookkeeping	205	4a
*booklet	587	2b
†booklets	79	5b
†books	4,821	1a
*boom	45	
*boon	13	
*boost	44	
booster	16	
*boot	34	
*booth	50	
†boots	94	5a
booze	25	
*border	103	5a
†borders	21	
*bore	141	4b
†bored	101	5a
†bores	28	
†boring	22	
*born	431	3a
*borne	29	
*borrow	263	3b
†borrowed	107	5a
†borrowing	21	
*bosom	54	
*boss	114	5a
*botany	28	
*both	7,614	1a
*bother	482	2b
†bothered	110	5a
†bothering	47	
†bothers	27	

Bottle

70

Broken

*bottle	315	3a
†bottles	62	
*bottom	729	2a
*bought	1,496	1b
boulevard	37	
*bound	480	2b
*boundary	34	
†bounded	19	
†bounds	30	
*bouquet	59	
*bow	80	5b
*bowl	59	
*box	4,118	1a
*boxes	721	2a
†boxing	33	
*boy	8,828	1a
*boyhood	21	
boy's	81	5b
†boys	2,604	1b
boys'	38	
*brace	20	
*bracelet	37	
†braces	26	
†brackets	42	
*brag	22	
*braid	52	
*brain	164	4a
†brains	96	5a
*brake	23	
†brakes	21	
*bran	13	
*branch	691	2b
†branches	239	3b
*brand	180	4a
*brass	182	4a
*brave	134	4b
†bravely	18	
*breach	26	
*bread	383	3a
*breadth	14	

*break	900	2a
breakage	52	
breakdown	20	
†breakers	18	
*breakfast	954	2a
†breaking	230	3b
†breaks	88	5b
*breast	55	
*breath	189	4a
*breathe	67	
†breathing	43	
*bred	23	
*breeches	20	
*breed	33	
*breeze	50	
*breezy	13	
*brethren	30	
*brevice	13	
*brick	225	3b
†bricks	32	
*bridal	12	
*bride	78	5b
*bridge	593	2b
†bridges	44	
*brief	371	3a
†briefly	104	5a
*bright	680	2b
†brighter	65	
†brightest	26	
*brilliant	201	4a
*brim	24	
*bring	5,537	1a
†bringing	569	2b
†brings	309	3a
Bro. (b)	121	4b
*broad	197	4a
broadcasting	19	
†broader	32	
*broke	492	2b
*broken	1,041	2a

Broker

71

Bust

*broker	25		*built	399	3a
†brokers	58		†bulbs	22	
*bronchitis	22		*bulk	56	
*bronze	59		*bull	35	
*brook	19		*bulletin	603	2b
*broom	28		†bulletins	72	
Bros. (b)	88	5b	*bump	34	
*brother	1,977	1b	*bumper	15	
*brotherhood	26		†bumps	15	
brother-in-law	21		*bunch	1,009	2a
brother's	32		*bundle	41	
†brothers	253	3b	†bundles	26	
*brought	2,246	1b	bungalow	79	5b
*brow	19		bunk	70	
*brown	973	2a	*burden	169	4a
*bruise	11		*bureau	501	2b
brunette	19		burg	26	
*brush	95	5a	*burial	20	
†brushed	16		*buried	126	4b
†brushes	23		burlesque	16	
*brutal	45		*burn	265	3b
*brute	38		†burned	170	4a
†bubbles	16		*burner	33	
*buck	24		†burning	118	5a
*bucket	28		burnt	96	5a
*buckle	14		*burst	80	5b
*bud	106	5a	†bursting	30	
*budge	19		*bury	26	
*budget	76	5b	*bus	203	4a
†buds	18		*bush	41	
*buff	23		*bushel	125	4b
*buffet	34		†bushels	55	
*bug	40		*bushes	27	
*buggy	51		†busier	31	
†bugs	45		†busiest	30	
*build	1,016	2a	*busily	23	
*builder	26		*business	10,548	1a
†builders	42		†businesses	247	3b
*building	2,987	1b	†busses	33	
†buildings	246	3b	*bust	28	

Bustle

72

Canyon

*bustle	23	
*busy	4,585	1a
* <i>but</i>	102,646	1a
*butcher	42	
*butter	439	3a
†butterflies	16	
*butterfly	18	
*button	196	4a
†buttons	80	5b
* <i>buy</i>	4,462	1a
*buyer	135	4b
†buyers	64	
†buying	642	2b
†buys	25	
* <i>by</i>	44,658	1a
by-laws	48	
* <i>cab</i>	53	
*cabbage	51	
*cabin	87	5b
*cabinet	339	3a
†cabinets	25	
*cable	123	4b
*café	39	
cafeteria	32	
*cage	19	
*cake	712	2b
†cakes	58	
*calamity	41	
*calculate	32	
†calculated	41	
*calculation	16	
*calendar	236	3b
*calf	107	5a
caliber	16	
*calico	26	
*call	8,475	1a
†called	5,770	1a
*caller	45	
†calling	2,264	1b

†calls	976	2a
*calm	144	4b
†calmly	39	
*calves	49	
*came	6,829	1a
*camera	58	
*camp	522	2b
*campaign	472	2b
†campaigns	29	
†camping	56	
†camps	37	
campus	253	3b
* <i>can</i>	55,507	1a
*canal	71	
*canary	14	
*cancel	1,180	2a
†canceled	776	2a
†canceling	92	5b
cancellation	356	3a
cancer	34	
*candid	22	
*candidacy	25	
*candidate	170	4a
†candidates	68	
*candle	51	
†candles	59	
*candor	17	
*candy	825	2a
*cane	85	5b
*canned	88	5b
†canning	93	5b
*cannot	11,634	1a
*canoe	97	5a
†canoeing	22	
†cans	140	4b
*can't	4,246	1a
*canton (C)	30	
*canvas	45	
canvass	80	5b
*canyon	16	

Cap

73

Ceiling

*cap	673	2b
*capable	442	3a
*capacity	641	2b
*cape	90	5b
*capital	322	3a
*capitol	45	
†caps	65	
*captain	221	3b
caption	19	
*capture	22	
*car	10,888	1a
*carbon	286	3b
*carburetor	29	
*card	3,993	1a
*cardinal	29	
†cards	1,032	2a
*care	8,567	1a
†cared	249	3b
*career	135	4b
*careful	3,098	1b
†carefully	1,683	1b
*careless	79	5b
carelessness	51	
†cares	124	4b
*cargo	19	
†caring	33	
carload	137	4b
†carnations	17	
*carnival	80	5b
*carpenter	59	
†carpenters	15	
*carpet	49	
†carpets	18	
*carriage	159	4a
†carried	1,972	1b
*carrier	85	5b
†carries	153	4b
*carry	2,428	1b
†carrying	638	2b
†cars	1,612	1b

*cart	36	
cartage	27	
carton	58	
cartons	28	
*cartoon	17	
†carving	16	
*case	7,855	1a
†cases	1,980	1b
*cash	2,007	1b
†cashed	124	4b
*cashier	338	3a
casing	21	
*cast	373	3a
†casting	61	
*castle	51	
†castles	21	
*casual	12	
*cat	251	3b
*catalog	2,527	1b
†catalogs	374	3a
†cataloging	16	
*catastrophe	19	
*catch	629	2b
†catching	74	
*cathedral	68	
*Catholic	28	
†cats	34	
*cattle	264	3b
*caught	560	2b
*cause	2,142	1b
†caused	730	2a
†causes	276	3b
†causing	65	
*caution	113	5a
*cavalry	33	
*cave	26	
*cease	149	4b
†ceased	85	5b
*cedar	91	5b
*ceiling	115	5a

Celebrate

74

Chattering

*celebrate	101	5a
†celebrated	81	5b
†celebrating	38	
*celebration	53	
*cell	37	
*cellar	118	5a
cello	14	
†cells	18	
*cement	125	4b
*cemetery	54	
*censure	34	
*census	28	
*cent	862	2a
*center	477	2b
†centered	19	
†centers	45	
*central	460	2b
†cents	1,158	2a
†centuries	90	5b
*century	224	3b
†ceremonies	36	
*ceremony	71	
*certain	3,248	1b
†certainly	6,611	1a
*certainty	48	
*certificate	1,055	2a
†certificates	241	3b
†certified	133	4b
*certify	25	
*chain	212	4a
†chains	36	
*chair	663	2b
*chairman	474	2b
chairmen	21	
†chairs	225	3b
*chalk	16	
*challenge	49	
*chamber	167	4a
†chambers	18	
*champion	25	

championship	26	
*chance	2,910	1b
†chances	288	3b
*change	4,805	1a
*changeable	19	
†changed	1,100	2a
†changes	969	2a
†changing	307	3a
*channel	81	5b
†channels	55	
*chap	27	
*chapel	116	5a
*chaperon	52	
†chaps	18	
*chapter	487	2b
†chapters	45	
*character	1,599	1b
*characteristic	96	5a
†characteristics	44	
*characterize	13	
†characters	178	4a
*charge	4,786	1a
*chargeable	27	
†charged	2,067	1b
†charges	1,950	1b
†charging	422	3a
*charitable	40	
*charity	72	
*charm	118	5a
†charmed	21	
†charming	268	3b
†charms	27	
*chart	55	
*charter	43	
*chase	68	
†chasing	34	
*chat	76	5b
chattel	39	
*chatter	26	
†chattering	17	

Chauffeur

75

Circulars

*chauffeur	29	
*Chautauqua	126	4b
*cheap	445	2b
†cheaper	263	3b
†cheapest	73	
†cheaply	16	
*cheat	20	
†cheated	23	
*check	11,807	1a
†checked	615	2b
*checkers	13	
†checking	647	2b
†checks	1,069	2a
*cheek	32	
†cheeks	24	
*cheer	226	3b
†cheered	40	
*cheerful	308	3a
†cheerfully	69	
*cheerfulness	28	
†cheering	16	
*cheery	19	
*cheese	74	
chem.	36	
*chemical	38	
chemist	16	
*chemistry	214	3b
*cherish	31	
†cherries	18	
*cherry	38	
*chest	116	5a
*chestnut	18	
*chicken	389	3a
†chickens	277	3b
†chicks	76	5b
*chief	613	2b
†chiefly	135	4b
*child	2,072	1b
*childhood	33	
*childish	76	5b

*children	3,269	1b
children's	130	4b
child's	47	
*chill	66	
*chilly	64	
†chimes	26	
*chimney	54	
*china	41	
*chip	12	
*chocolate	82	5b
†chocolates	35	
*choice	473	2b
*choir	114	5a
*choke	16	
†choked	20	
*choose	493	2b
†choosing	37	
*chop	44	
*chord	13	
chores	46	
*chorus	158	4a
*chose	108	5a
*chosen	174	4a
*Christian	228	3b
*Christmas	1,013	2a
*chum	74	
chummy	21	
*church	2,741	1b
†churches	149	4b
churn	16	
*cigar	62	
*cigarette	42	
†cigarettes	49	
†cigars	42	
cinch	37	
*eirele	162	4a
†eireles	30	
*eircuit	45	
*eircular	812	2a
†eirculars	176	4a

Circulated

76

Clothes

†circulated	22		*clear	1,870	1b
†circulating	20		clearance	21	
*circulation	163	4a	†cleared	169	4a
*circumstance	142	4b	†clearer	24	
†circumstances	1,356	2a	†clearing	76	5b
*circus	138	4b	†clearly	308	3a
*cite	29		*clearness	18	
†cited	23		*clergy	25	
†cities	513	2b	clerical	62	
*citizen	112	5a	*clerk	495	2b
†citizens	172	4a	†clerks	158	4a
citizenship	48		*clever	339	3a
*city	6,929	1a	*client	82	5b
*civic	77	5b	†clients	46	
†civics	51		*cliff	33	
*civil	285	3b	*climate	226	3b
*civilization	148	4b	climax	24	
†civilized	98	5a	*climb	113	5a
*clad	24		†climbed	48	
*claim	2,828	1b	†climbing	31	
†claimed	94	5a	*cling	18	
†claiming	40		†clinging	18	
†claims	480	2b	clinic	13	
*clamor	16		*clip	29	
*class	4,774	1a	†clipping	175	4a
†classed	19		clippings	44	
†classes	1,187	2a	*cloak	19	
*classic	29		*clock	251	3b
classical	40		*close	6,058	1a
classification	95	5a	†closed	1,101	2a
†classified	48		†closely	394	3a
*classmate	18		†closer	86	5b
†classmates	17		†closes	109	5a
classroom	15		†closest	22	
*clause	100	5a	*closet	79	5b
*clay	28		†closets	18	
*clean	853	2a	†closing	405	3a
†cleaned	378	3a	*cloth	497	2b
*cleaner	59		*clothe	56	
†cleaning	246	3b	*clothes	1,198	2a

Clothing

77

Commander

*clothing	194	4a	†collars	48	
†cloths	23		collateral	133	4b
*cloud	66		*collect	776	2a
†clouds	174	4a	†collected	355	3a
*cloudy	121	4b	†collecting	165	4a
*clover	48		*collection	2,256	1b
*club	2,092	1b	†collections	275	3b
†clubs	227	3b	collector	54	
*clumsy	24		*college	3,362	1b
*cluster	12		†colleges	137	4b
*clutch	22		*collision	26	
*Co.	1,276	2a	*colonel	55	
*coach	244	3b	*colonial	29	
†coaches	19		*colony	18	
†coaching	31		*color	1,026	2a
*coal	895	2a	†colored	323	3a
†coals	28		†coloring	33	
*coarse	96	5a	†colors	368	3a
*coast	387	3a	colossal	22	
†coasting	26		*colt	14	
*coat	1,185	2a	*column	319	3a
†coats	271	3b	†columns	114	5a
*cock	25		Com. (c)	74	
*cocoa	22		*comb	53	
*coconut	18		*combat	19	
C. O. D.	233	3b	*combination	382	3a
*code	85	5b	†combinations	32	
*coffee	500	2b	*combine	57	
*coffin	24		†combined	168	4a
*coil	33		*come	32,588	1a
†coils	59		*comedy	72	
*coin	46		†comes	2,208	1b
*coincidence	23		*comfort	487	2b
*cold	3,509	1a	*comfortable	382	3a
†colder	69		†comfortably	49	
†coldest	56		comic	59	
†colds	59		*comical	18	
*collapse	16		*coming	5,208	1a
†collapsed	15		*command	247	3b
*collar	263	3b	*commander	54	

Commanding

78

Complimentary

†commanding	34	
†commands	138	4b
*commence	169	4a
†commenced	68	
*commencement	288	3b
†commencing	74	
*commend	70	
commendable	27	
*commendation	47	
*comment	219	3b
†comments	149	4b
*commerce	379	3a
*commercial	579	2b
*commission	1,212	2a
*commissioner	112	5a
†commissioners	33	
†commissions	60	
*commit	68	
†committed	126	4b
*committee	2,587	1b
†committees	140	4b
†committing	16	
†commodities	51	
*commodity	22	
*common	1,498	1b
†commonly	49	
*commonplace	75	5b
†commons	20	
*communicate	316	3a
†communicated	30	
†communicating	19	
*communication	905	2a
†communications	119	5a
*communion	16	
†communities	68	
*community	537	2b
*compact	35	
†companies	242	3b
*companion	169	4a
†companions	46	

companionship	46	
*company	11,276	1a
company's	309	3a
*comparative	50	
†comparatively	166	4a
*compare	253	3b
†compared	408	3a
†compares	21	
†comparing	40	
*comparison	231	3b
*compass	38	
*compel	81	5b
†compelled	258	3b
*compensate	29	
*compensation	181	4a
*compete	22	
*competent	148	4b
*competition	238	3b
competitive	28	
competitor	36	
competitors	51	
†compiled	89	5b
*complain	228	3b
†complained	44	
†complaining	93	5b
†complains	15	
*complaint	548	2b
†complaints	123	4b
*complete	4,159	1a
†completed	1,000	2a
†completely	487	2b
†completing	179	4a
*completion	123	4b
complex	27	
*complexion	53	
*compliance	308	3a
†complicated	69	
†complied	82	5b
*compliment	215	3b
complimentary	53	

Complimented

79

Congenial

†complimented	26		conclusive	17	
†compliments	161	4a	*concrete	256	3b
*comply	517	2b	*concur	25	
†complying	230	3b	*condemn	29	
*compose	60		†condemned	40	
†composed	185	4a	†condensed	35	
*composition	202	4a	*condition	3,341	1b
†compositions	21		†conditions	1,745	1b
*compound	75	5b	*conduct	453	2b
*comprehend	43		†conducted	142	4b
comprehension	30		†conducting	66	
comprehensive	41		*conductor	55	
*compromise	86	5b	*confer	112	5a
compulsory	25		*conference	552	2b
*comrade	26		†conferences	44	
*conceal	38		†conferred	26	
†concealed	36		*confess	326	3a
*concede	19		†confessed	45	
*conceit	20		*confession	50	
†conceited	40		*confide	30	
conceivable	21		*confidence	568	2b
*conceive	198	4a	*confident	665	2b
†conceived	60		*confidential	149	4b
*concentrate	43		†confidentially	24	
†concentrated	31		†confidently	28	
*conception	113	5a	*confine	78	5b
*concern	623	2b	†confined	134	4b
†concerned	1,003	2a	confinement	16	
*concerning	2,137	1b	*confirm	212	4a
†concerns	114	5a	*confirmation	201	4a
*concert	345	3a	†confirmed	94	5a
†concerted	18		†confirming	193	4a
†concerts	47		*conflict	48	
*concession	72		*conform	88	5b
†concessions	38		*confound	20	
*conclude	250	3b	†confronted	18	
†concluded	149	4b	†confused	78	5b
†concluding	17		†confusing	16	
*conclusion	399	3a	*confusion	135	4b
†conclusions	56		*congenial	65	

Congested

80

Consumer

congested	25		†considered	1,032	2a
congestion	33		†considering	567	2b
*congratulate	241	3b	†considers	36	
†congratulated	33		consign	30	
†congratulating	28		consigned	199	4a
*congratulation	24		consignee	51	
†congratulations	262	3b	consignment	37	
*congregation	25		*consist	153	4b
*congress (C)	322	3a	†consisted	75	5b
congressmen	26		*consistent	119	5a
*conjunction	32		†consistently	67	
*connect	159	4a	†consisting	152	4b
†connected	467	2b	†consists	169	4a
†connecting	80	5b	*consolation	89	5b
*connection	3,723	1a	*console	38	
†connections	406	3a	consolidated	84	5b
*conquer	43		consolidation	45	
†conquered	22		*conspicuous	22	
*conquest	25		*conspiracy	15	
*conscience	208	4a	*constant	293	3b
*conscientious	92	5b	†constantly	243	3b
*conscious	125	4b	*constitute	64	
†consciously	20		†constituted	22	
*consciousness	55		†constitutes	34	
*consent	297	3b	*constitution	267	3b
†consented	44		constitutional	42	
*consequence	430	3a	*construct	29	
†consequences	122	4b	†constructed	89	5b
*consequent	16		*construction	577	2b
*consequently	773	2a	constructive	52	
conservation	26		construe	14	
conservative	56		construed	19	
conservatory	21		*consul	43	
*conserve	25		*consult	204	4a
*consider	3,355	1b	*consultation	59	
*considerable	1,979	1b	†consulted	53	
*considerably	488	2b	†consulting	59	
considerate	49		*consume	31	
*consideration	2,546	1b	†consumed	25	
†considerations	50		*consumer	46	

Consuming

81

Coöperate

†consuming	20
*consumption	48
*contact	180 4a
*contain	361 3a
†contained	499 2b
†containing	558 2b
†contains	398 3a
*contemplate	202 4a
†contemplated	109 5a
†contemplates	20
†contemplating	102 5a
*contemplation	31
*contemporary	26
*contempt	68
*contemptible	29
*contend	45
*content	443 2b
†contented	82 5b
*contention	42
*contentment	40
†contents	442 3a
*contest	421 3a
†contests	24
*continent	81 5b
*continental	18
contingent	44
*continual	65
†continually	163 4a
*continuance	28
*continuation	41
*continue	1,478 1b
†continued	489 2b
†continues	160 4a
†continuing	118 5a
*continuous	95 5a
†continuously	17
*contract	3,684 1a
†contracted	65
†contracting	20
*contractor	55

†contractors	32
†contracts	422 3a
*contrary	578 2b
*contrast	85 5b
*contribute	124 4b
†contributed	25
*contribution	68
†contributions	22
*contrive	22
†contrived	25
*control	362 3a
†controlled	16
*controversy	146 4b
*convenience	2,707 1b
*convenient	988 2a
†conveniently	86 5b
*convention	693 2b
conventional	22
†conventions	48
*conversation	926 2a
†conversations	48
*converse	23
*convert	33
†converted	29
*convey	80 5b
conveyance	16
†conveyed	29
*convict	19
*conviction	128 4b
*convince	181 4a
†convinced	286 3b
†convincing	55
*cook	567 2b
†cooked	58
†cookies	21
†cooking	271 3b
†cooks	26
*cool	429 3a
*cooler	36
*coöperate	449 2b

Coöperated

82

Courtesy

†coöperated	23	
†coöperating	62	
*coöperation	1,422	1b
*coöperative	59	
†copied	52	
†copies	2,809	1b
copious	22	
*copper	66	
*copy	14,202	1a
†copying	44	
copyright	28	
*cord	168	4a
*cordial	103	5a
†cordially	429	3a
†cords	21	
*corduroy	23	
*cork	24	
*corn	976	2a
*corner	551	2b
†corners	77	5b
*corporation	397	3a
†corporations	15	
*corps	61	
*correct	2,924	1b
†corrected	454	2b
†correcting	47	
*correction	282	3b
†corrections	109	5a
†correctly	321	3a
correctness	30	
*correspond	270	3b
*correspondence	2,495	1b
*correspondent	219	3b
†correspondents	72	
†corresponding	169	4a
corridor	23	
*corrupt	20	
corsage	23	
*corset	16	
*cost	4,794	1a

†costing	35	
*costly	15	
†costs	646	2b
*costume	102	5a
†costumes	38	
*cottage	138	4b
†cottages	17	
*cotton	353	3a
*couch	51	
*cough	196	4a
†coughing	27	
*could	22,101	1a
*couldn't	1,729	1b
*council	248	3b
*counsel	89	5b
*count	719	2a
†counted	108	5a
*countenance	102	5a
*counter	91	5b
†counties	109	5a
†counting	136	4b
†countries	180	4a
*country	3,749	1a
countrymen	52	
country's	32	
†counts	33	
*county	1,593	1b
coupé	108	5a
*couple	1,399	1b
†coupled	31	
†couples	47	
*coupon	156	4b
†coupons	34	
*courage	352	3a
*course	12,772	1a
†courses	339	3a
*court	1,211	2a
*courteous	161	4a
†courtesies	78	5b
*courtesy	702	2b

Courts

†courts	148	4b
*cousin	864	2a
†cousins	127	4b
*cover	5,806	1a
†covered	1,504	1b
†covering	6,052	1a
†covers	798	2a
*cow	800	2a
*coward	15	
*cowardice	26	
†cowardly	20	
†cows	69	
*coy	66	
*cozy	44	
*crack	42	
†cracked	39	
*cracker	21	
*cradle	28	
*craft	38	
*cram	18	
†cramming	21	
*cramp	22	
*crane	24	
*crank	58	
cranky	19	
*crate	26	
*crave	25	
*crawl	34	
*craze	14	
*crazy	1,035	2a
*cream	493	2b
*creamery	74	
*create	125	4b
†created	121	4b
†creating	58	
*creation	43	
*creative	29	
*creature	205	4a
†creatures	183	4a
credential	15	

Crops

credentials	34	
*credit	9,954	1a
creditable	31	
†credited	1,088	2a
†crediting	192	4a
†creditors	95	5a
†credits	269	3b
*creed	26	
*creek	107	5a
*creep	12	
*crêpe	90	5b
crêpe de Chine	23	
*crept	17	
*crescent	18	
*crew	81	5b
*crib	14	
*cricket	23	
*cried	71	
*cries	31	
*crime	155	4b
†crimes	41	
*criminal	66	
†criminals	31	
*crimson	19	
†crippled	35	
*crisis	56	
*critic	74	
*critical	113	5a
†critically	25	
*criticism	311	3a
†criticisms	56	
*criticize	54	
†criticized	29	
†critics	48	
*crochet	33	
†crocheted	17	
†crocheting	22	
*crooked	30	
*crop	521	2b
†crops	111	5a

Cross

84

Dandy

*cross	567	2b
†crossed	70	
†crossing	105	5a
*crowd	813	2a
†crowded	185	4a
†crowds	46	
*crown	124	4b
†crowned	42	
*crude	68	
*cruel	130	4b
*cruelty	18	
*crush	32	
†crushed	40	
†crushing	19	
†crutches	15	
*cry	1,098	2a
†crying	110	5a
*cuff	23	
†cuffs	32	
*cultivate	59	
†cultivated	62	
*cultivation	37	
*culture	72	
*cunning	72	
*cup	407	3a
*cupboard	17	
†cups	77	5b
*curb	14	
*cure	116	5a
†cured	65	
*curiosity	108	5a
*curious	185	4a
†curiously	18	
*curl	35	
†curled	21	
†curls	16	
*curly	25	
currency	42	
*current	695	2b
curriculum	22	

*curse	40	
†cursed	30	
*curtain	194	4a
†curtains	89	5b
*cushion	23	
*custom	314	3a
*customary	100	5a
*customer	2,168	1b
customer's	93	5b
†customers	1,196	2a
†customs	122	4b
*cut	3,987	1a
*cute	617	2b
†cutest	53	
†cuts	200	4a
†cutting	370	3a
*cycle	18	
cyclone	25	
*cylinder	78	5b
cynical	19	
*dad	565	2b
*daddy	284	3b
*daily	777	2a
*dainty	56	
*dairy	148	4b
*damage	376	3a
†damaged	219	3b
†damages	47	
*dame	29	
*damn	80	5b
†damned	36	
*damp	85	5b
*dance	2,829	1b
†danced	113	5a
*dancer	52	
†dancers	34	
†dances	239	3b
†dancing	426	3a
*dandy	569	2b

Danger

85

Decline

*danger	644	2b	dealt	49	
*dangerous	204	4a	*dean	64	
†dangers	24		*dear	22,031	1a
*dare	534	2b	†dearer	29	
†dared	83	5b	†dearest	3,325	1b
†dares	23		dearie	71	
*daring	39		†dearly	74	
*dark	914	2a	†dears	15	
*darkness	105	5a	*death	1,276	2a
*darling	854	2a	*debate	206	4a
*darn	87	5b	†debating	70	
†darned	23		debit	92	5b
*dash	47		*debt	208	4a
†dashed	35		*debtor	124	4b
†dashing	24		†debts	100	5a
*data	315	3a	*Dec.	343	3a
*date	10,226	1a	*decade	14	
†dated	2,826	1b	*decay	19	
†dates	579	2b	†deceased	43	
†dating	206	4a	*deceitful	18	
*daughter	705	2b	*deceive	68	
†daughters	89	5b	*December	3,317	1b
*davenport	21		decency	23	
*dawn	95	5a	*decent	207	4a
*day	43,935	1a	*decide	1,671	1b
*daylight	63		†decided	2,397	1b
day's	134	4b	*decidedly	147	4b
†days	9,854	1a	†decides	19	
days'	18		†deciding	54	
*daytime	12		*decision	913	2a
*dead	1,152	2a	†decisions	49	
*deadly	21		*decisive	19	
*deaf	53		*deck	52	
*deal	3,366	1b	declamation	26	
*dealer	372	3a	declamatory	27	
dealer's	58		*declaration	86	5b
†dealers	428	3a	*declare	204	4a
*dealing	201	4a	†declared	153	4b
†dealings	88	5b	†declaring	19	
†deals	46		*decline	171	4a

Declined

86

Democrats

†declined	110	5a
†declining	24	
*decorate	45	
†decorated	58	
†decorating	20	
*decoration	64	
†decorations	49	
*decrease	71	
*decree	21	
†decreed	15	
*dedication	30	
deduct	212	4a
deducted	605	2b
deducting	111	5a
deduction	183	4a
deductions	38	
*deed	230	3b
†deeds	82	5b
*deem	102	5a
†deemed	43	
*deep	902	2a
†deeper	44	
†deepest	32	
†deeply	297	3b
*deer	23	
*default	17	
*defeat	151	4b
†defeated	58	
*defect	83	5b
*defective	442	3a
†defects	52	
*defend	90	5b
*defense	131	4b
*defer	22	
†deferred	66	
*defiance	44	
*deficiency	16	
deficit	13	
*define	35	
*definite	1,770	1b

†definitely	719	2a
*definition	131	4b
defray	16	
*defy	17	
*degenerate	30	
*degree	999	2a
†degrees	127	4b
dejection	14	
*delay	3,982	1a
†delayed	659	2b
†delaying	41	
†delays	38	
*delegate	59	
†delegates	92	5b
†delegation	26	
*deliberate	46	
†deliberately	34	
*deliberation	17	
*delicacy	46	
*delicate	173	4a
*delicious	150	4b
*delight	253	3b
†delighted	617	2b
*delightful	575	2b
†delightfully	37	
delinquent	95	5a
*deliver	559	2b
†delivered	1,643	1b
†deliveries	102	5a
†delivering	66	
*delivery	2,524	1b
*delusion	21	
*demand	968	2a
†demanded	55	
†demanding	52	
†demands	216	3b
*democracy	110	5a
*democrat	74	
*democratic	70	
†democrats	49	

Demonstrate

87

Desperate

*demonstrate	41	
†demonstrated	46	
*demonstration	275	3b
†demonstrations	22	
†denied	74	
†denies	15	
*dense	20	
*dental	18	
*dentist	139	4b
*deny	134	4b
†denying	27	
*depart	41	
†departed	48	
*department	7,028	1a
departmental	26	
†departments	543	2b
*departure	107	5a
*depend	543	2b
dependable	68	
†depended	37	
*dependence	23	
*dependent	55	
†depending	146	4b
†depends	267	3b
depleted	37	
*deportment	30	
*deposit	501	2b
†deposited	193	4a
depository	38	
†deposits	106	5a
*depot	327	3a
depreciation	20	
†depressed	20	
†depressing	21	
depression	32	
*deprive	33	
†deprived	28	
Dept. (d)	259	3b
*depth	54	
†depths	38	

*deputy	33	
*derive	21	
†derived	48	
*descend	39	
†descended	26	
†descending	39	
*descent	32	
*describe	212	4a
†described	421	3a
†describes	32	
†describing	143	4b
*description	905	2a
†descriptions	44	
descriptive	124	4b
*desert	125	4b
†deserted	47	
desertion	17	
*deserve	308	3a
†deserved	76	5b
†deserves	71	
†deserving	35	
*design	343	3a
*designate	51	
†designated	39	
†designed	102	5a
†designing	25	
†designs	56	
desirability	29	
*desirable	363	3a
*desire	6,273	1a
†desired	1,089	2a
†desires	421	3a
†desiring	46	
*desirous	343	3a
*desk	687	2b
†desks	54	
*desolate	20	
*desolation	21	
*despair	118	5a
*desperate	144	4b

Desperately

88

Dimensions

†desperately	45		†devoted	259	3b
*despise	48		devotedly	43	
*despite	41		†devoting	21	
despondent	20		*devotion	70	
*destination	369	3a	*devour	12	
†destined	69		* <i>dew</i>	13	
*destiny	36		diagnosis	16	
*destitute	19		*dialogue	34	
*destroy	222	3b	*diameter	110	5a
†destroyed	189	4a	*diamond	122	4b
†destroying	50		†diamonds	17	
*destruction	91	5b	dickens	49	
†detached	25		*dictate	71	
*detail	709	2b	†dictated	42	
†detailed	140	4b	*dictionary	51	
†details	793	2a	* <i>did</i>	27,744	1a
*detain	20		*didn't	5,241	1a
†detained	20		* <i>die</i>	673	2b
†detected	24		†died	824	2a
*determination	40		†dies	61	
*determine	489	2b	*diet	49	
†determined	305	3a	*differ	101	5a
†determining	36		*difference	2,100	1b
*detest	17		†differences	80	5b
detriment	18		*different	3,718	1a
detrimental	21		†differently	114	5a
deuce	18		†differs	19	
*develop	472	2b	*difficult	795	2a
†developed	321	3a	†difficulties	262	3b
†developing	93	5b	*difficulty	916	2a
*development	229	3b	* <i>dig</i>	187	4a
†developments	93	5b	*digest	17	
†develops	70		†digging	27	
*device	31		*dignified	94	5a
†devices	17		*dignity	221	3b
*devil	265	3b	*diligent	15	
†devils	58		†diligently	21	
devise	37		* <i>dim</i>	13	
devised	24		*dime	26	
*devote	119	5a	†dimensions	73	

Diminished

89

Dishonest

†diminished	18		*discharge	105	5a
*dine	189	4a	†discharged	43	
†dined	137	4b	*discipline	72	
†dining	230	3b	*disclose	56	
*dinner	4,759	1a	†discloses	18	
†dinners	105	5a	*discontent	21	
diphtheria	37		†discontented	16	
*diploma	78	5b	*discontinue	141	4b
diplomacy	22		†discontinued	159	4a
†diplomas	27		*discount	2,149	1b
diplomatic	32		†discounted	48	
*dire	20		†discounts	76	5b
*direct	3,406	1b	*discourage	43	
†directed	342	3a	†discouraged	97	5a
†directing	56		†discouraging	52	
*direction	629	2b	*discourse	61	
†directions	159	4a	*discover	138	4b
†directly	667	2b	†discovered	337	3a
*director	423	3a	†discovering	16	
†directors	294	3b	*discovery	30	
directory	63		*discreet	22	
†directs	22		discrepancy	52	
*dirt	72		*discretion	113	5a
*dirty	266	3b	discriminating	13	
disabled	27		discrimination	23	
disadvantage	55		*discuss	254	3b
disadvantages	16		†discussed	273	3b
*disagree	27		†discussing	104	5a
*disagreeable	165	4a	*discussion	315	3a
*disappear	22		†discussions	27	
†disappeared	45		*disease	160	4a
*disappoint	300	3b	†diseases	22	
†disappointed	1,099	2a	*disgrace	87	5b
†disappointing	28		*disguise	16	
*disappointment	200	4a	*disgust	48	
*disaster	59		*disgusted	142	4b
*disastrous	23		†disgusting	42	
disbursements	21		*dish	74	
†discarded	18		†dishes	172	4a
*discern	17		*dishonest	32	

Dislike

90

Doing

*dislike	164	4a	distributors	64	
†disliked	17		*district	1,249	2a
*dismal	29		†districts	122	4b
*dismiss	36		*distrust	40	
dismissal	17		*disturb	43	
†dismissed	43		*disturbance	19	
*disorder	24		†disturbed	32	
*dispatch	222	3b	†disturbing	20	
†dispatched	67		*ditch	61	
†displaced	25		†ditches	18	
*display	263	3b	ditto	38	
†displayed	53		diversion	47	
†displays	27		*divert	46	
*disposal	67		†diverted	24	
*dispose	611	2b	*divide	151	4b
†disposed	503	2b	†divided	238	3b
†disposing	124	4b	*dividend	195	4a
*disposition	704	2b	†dividends	59	
*dispute	90	5b	*dividing	23	
*disregard	43		*divine	172	4a
disrespect	23		*divinity	33	
disrespectful	17		*division	1,448	1b
dissatisfaction	36		†divisions	44	
*dissatisfied	54		*divorce	69	
†dissolved	31		†divorced	24	
*distance	463	2b	*dizzy	17	
†distances	16		*do	59,629	1a
*distant	114	5a	*dock	22	
*distinct	166	4a	*doctor	1,663	1b
*distinction	105	5a	doctor's	38	
distinctive	20		†doctors	172	4a
†distinctly	137	4b	*doctrine	65	
*distinguish	27		*document	128	4b
*distinguished	133	4b	†documents	81	5b
*distress	46		*dodge	36	
†distressed	18		*does	5,724	1a
*distribute	99	5a	*doesn't	1,790	1b
†distributed	103	5a	*dog	737	2a
†distributing	28		†dogs	191	4a
*distribution	588	2b	†doing	5,899	1a

Doings

91

Drill

*doings	42	
*doll	83	5b
*dollar	937	2a
†dollars	1,852	1b
†dolls	19	
*dome	27	
*domestic	331	3a
*dominate	19	
donate	16	
donated	19	
donation	38	
*done	8,012	1a
*don't	16,022	1a
†doomed	15	
*door	1,521	1b
†doors	754	2a
dope	58	
†dormitories	19	
*dormitory	158	4a
*dose	70	
†dotted	19	
*double	734	2a
†doubled	28	
†doubly	39	
*doubt	4,365	1a
†doubted	25	
*doubtful	141	4b
*doubtless	429	3a
†doubts	93	5b
*dough	27	
†doughnuts	17	
*down	11,022	1a
†downs	23	
*downstairs	55	
downtown	28	
*doz.	104	5a
*dozen	2,260	1b
†dozens	33	
*Dr.	1,144	2a
*draft	1,916	1b

†drafted	35	
†drafting	20	
†drafts	209	4a
*drag	63	
†dragged	33	
†dragging	29	
*drain	24	
*drainage	20	
*drama	94	5a
*dramatic	118	5a
†dramatics	16	
*drank	39	
†drapes	19	
drastic	19	
*draw	547	2b
*drawer	49	
†drawers	33	
†drawing	653	2b
†drawings	73	
*drawn	563	2b
†draws	19	
drayage	37	
*dread	194	4a
*dreadful	198	4a
†dreadfully	138	4b
*dream	575	2b
†dreamed	149	4b
†dreaming	49	
†dreams	241	3b
*dreary	70	
*dress	2,440	1b
†dressed	366	3a
*dresser	108	5a
†dresses	348	3a
†dressing	124	4b
*dressmaker	49	
*drew	93	5b
*dried	46	
*drift	39	
*drill	88	5b

Drilling

92

Easter

†drilling	28	
†drills	23	
*drink	288	3b
†drinking	119	5a
†drinks	49	
*drive	875	2a
†driven	188	4a
*driver	74	
†drivers	21	
†drives	41	
†driving	241	3b
*drop	1,139	2a
†dropped	293	3b
†dropping	55	
†drops	36	
*drove	528	2b
*drown	29	
†drowned	37	
*drug	137	4b
druggist	20	
*drum	72	
†drums	64	
*drunk	80	5b
*drunkenness	21	
*dry	1,114	2a
†drying	18	
dubious	25	
*duck	62	
†ducks	57	
*due	4,234	1a
†dues	124	4b
*dug	27	
*dull	248	3b
*duly	564	2b
*dumb	99	5a
*dump	18	
*duplicate	2,310	1b
†duplicated	44	
†duplicates	70	
duplication	45	

*durable	78	5b
*duration	42	
*during	6,961	1a
*dusk	14	
*dust	249	3b
*dusty	40	
*Dutch	19	
†duties	356	3a
dutiful	25	
*duty	1,048	2a
*dwell	75	5b
*dwelling	32	
*dye	13	
*dying	167	4a
*each	9,978	1a
*eager	169	4a
†eagerly	42	
*eagle	32	
*ear	298	3b
earache	21	
†earlier	513	2b
†earliest	1,817	1b
*early	4,471	1a
*earn	147	4b
†earned	93	5b
*earnest	343	3a
†earnestly	129	4b
*earning	54	
†earnings	45	
†ears	168	4a
*earth	467	2b
*earthly	51	
*earthquake	17	
*ease	157	4b
*easier	362	3a
†easiest	30	
*easily	912	2a
*east	1,039	2a
*Easter	158	4a

Eastern

93

Embarrass

*eastern	350	3a
*easy	1,313	2a
*eat	3,335	1b ^c
†eaten	51	
†eating	469	2b
†eats	113	5a
*echo	46	
*economic	117	5a
*economical	112	5a
†economics	127	4b
*economy	124	4b
*edge	245	3b
†edges	34	
*edition	466	2b
†editions	17	
*editor	238	3b
editorial	66	
editorials	26	
†editors	33	
*educate	42	
†educated	70	
*education	1,456	1b
*educational	401	3a
*effect	2,130	1b
†effected	73	
†effecting	45	
*effective	444	2b
†effectively	55	
†effects	146	4b
*effectual	20	
*efficiency	200	4a
*efficient	172	4a
*effort	1,734	1b
†efforts	559	2b
*egg	911	2a
†eggs	195	4a
*eight	1,687	1b
*eighteen	229	3b
*eighteenth	93	5b
*eighth	133	4b

*eighty	138	4b
*either	5,318	1a
*elaborate	79	5b
†elapsed	54	
*elastic	30	
*elbow	85	5b
*elder	20	
†elderly	24	
*eldest	19	
*elect	153	4b
†elected	654	2b
†electing	17	
*election	705	2b
†elections	31	
elective	27	
*electric	424	3a
*electrical	132	4b
*electricity	54	
*elegance	20	
*elegant	38	
*element	81	5b
elementary	91	5b
†elements	119	5a
†elevated	51	
*elevation	23	
*elevator	75	5b
*eleven	467	2b
*eleventh	35	
eligible	68	
eliminate	165	4a
eliminated	63	
eliminating	22	
elimination	18	
*elm	13	
*eloquence	23	
*else	3,049	1b
else's	20	
*elsewhere	414	3a
*'em	35	
*embarrass	18	

Embarrassed

94

Engineer

†embarrassed	39		enclosures	74	
†embarrassing	52		encore	23	
embarrassment	59		*encounter	29	
†embodied	15		†encountered	35	
*embrace	24		*encourage	107	5a
†embraced	15		†encouraged	78	5b
†embroidered	46		*encouragement	95	5a
*embroidery	35		†encouraging	126	4b
*emerge	21		*end	5,091	1a
*emergency	84	5b	*endeavor	834	2a
*eminent	28		†endeavored	82	5b
†eminently	29		†endeavoring	172	4a
*emotion	46		†endeavors	47	
†emotions	62		†ended	176	4a
*emperor	23		*ending	139	4b
emphasis	64		*endless	49	
*emphasize	36		endorse	45	
†emphasized	23		endorsed	109	5a
*emphatic	27		endorsement	111	5a
emphatically	25		endorsements	59	
*empire	39		†ends	296	3b
*employ	206	4a	*endurance	32	
†employed	427	3a	*endure	106	5a
*employee	83	5b	†endured	23	
†employees	357	3a	†enduring	47	
*employer	52		†enemies	125	4b
†employers	55		*enemy	211	4a
†employing	25		*energetic	37	
*employment	208	4a	†energies	25	
†employs	16		*energy	246	3b
*empty	292	3b	*enforce	104	5a
*enable	723	2a	†enforced	39	
†enabled	85	5b	enforcement	33	
†enables	39		*engage	150	4b
†enacted	23		†engaged	590	2b
*enamel	45		*engagement	254	3b
*enclose	4,697	1a	†engagements	41	
†enclosed	11,173	1a	†engaging	27	
†enclosing	7,120	1a	*engine	295	3b
enclosure	271	3b	*engineer	191	4a

Engineering

95

Especially

†engineering	192	4a
†engineers	142	4b
†engines	32	
*English	375	3a
†engraved	15	
*enjoy	2,046	1b
enjoyable	113	5a
†enjoyed	1,269	2a
†enjoying	698	2b
*enjoyment	108	5a
†enjoys	17	
*enlarge	35	
†enlarged	48	
*enlargement	14	
*enlighten	20	
†enlisted	30	
*enormous	134	4b
*enough	9,979	1a
*enroll	46	
†enrolled	60	
*enrollment	110	5a
en route	69	
†ensuing	57	
entail	18	
*enter	1,104	2a
†entered	1,265	2a
†entering	525	2b
*enterprise	55	
†enters	22	
*entertain	354	3a
†entertained	138	4b
†entertaining	204	4a
*entertainment	177	4a
†entertainments	22	
enthused	21	
*enthusiasm	164	4a
*enthusiastic	194	4a
*entire	2,047	1b
†entirely	2,568	1b
*entitle	105	5a

†entitled	1,345	2a
*entrance	141	4b
*entry	124	4b
enumerate	17	
*envelop	19	
*envelope	1,525	1b
†envelopes	225	3b
*envious	26	
environment	13	
*envy	219	3b
*epidemic	40	
*episode	20	
*epistle	86	5b
epithet	24	
*epoch	26	
*equal	578	2b
*equality	17	
†equally	402	3a
*equip	26	
*equipment	1,569	1b
†equipped	316	3a
equitable	35	
*equity	35	
*equivalent	55	
*ere	106	5a
*erect	46	
†erected	36	
†erecting	30	
*erection	36	
*err	27	
*errand	66	
†errands	23	
erroneous	28	
*error	2,304	1b
†errors	195	4a
*escape	184	4a
†escaped	150	4b
*escort	22	
*especial	60	
†especially	2,870	1b

Esq.		96	Exceptionally
Esq.	20		*everybody 1,496 1b
*essay	99	5a	*everyday 78 5b
†essays	31		*everyone 773 2a
*essence	23		*everything 4,458 1a
*essential	319	3a	*everywhere 233 3b
†essentially	44		*evidence 469 2b
†essentials	42		†evidenced 16
*establish	250	3b	*evident 195 4a
†established	362	3a	†evidently 880 2a
†establishing	95	5a	*evil 322 3a
*establishment	185	4a	†evils 34
†establishments	16		*evolution 19
*estate	450	2b	*exact 702 2b
*esteem	58		†exacting 20
†esteemed	127	4b	†exactly 1,387 1b
*estimate	841	2a	*exaggerate 14
†estimated	199	4a	†exaggerated 22
†estimates	115	5a	exaggeration 20
*estimation	77	5b	*examination 1,554 1b
*etc.	1,667	1b	†examinations 713 2b
*eternal	119	5a	*examine 426 3a
*eternity	36		†examined 317 3a
ether	26		*examiner 16
ethics	22		†examiners 18
etiquette	22		†examining 49
*evade	25		*example 364 3a
evangelist	15		†examples 27
*eve	99	5a	*exceed 105 5a
*even	7,866	1a	*exceeding 31
*evening	4,823	1a	†exceedingly 503 2b
†evenings	211	4a	†exceeds 31
†evenly	33		*excel 19
*event	1,075	2a	*excellence 24
eventful	27		*excellent 1,252 2a
†events	407	3a	*except 3,668 1a
*eventual	15		†excepted 28
†eventually	106	5a	†excepting 183 4a
*ever	8,814	1a	*exception 924 2a
*everlasting	66		*exceptional 122 4b
*every	13,653	1a	†exceptionally 197 4a

Exceptions

97

Explanatory

†exceptions	125	4b	†existing	188	4a
*excess	213	3b	†exists	93	5b
*excessive	131	4b	*expansion	24	
†excessively	35		*expect	7,880	1a
*exchange	1,414	1b	*expectation	123	4b
†exchanged	95	5a	†expectations	81	5b
†exchanging	15		†expected	1,694	1b
*excite	31		†expecting	724	2a
†excited	360	3a	†expects	207	4a
*excitement	460	2b	expediency	20	
†exciting	256	3b	*expedient	33	
exclusion	14		expedite	39	
*exclusive	262	3b	*expedition	72	
†exclusively	76	5b	*expend	13	
*excursion	44		†expended	55	
*excuse	2,505	1b	*expenditure	86	5b
†excused	60		†expenditures	58	
†excuses	77	5b	*expense	2,484	1b
*execute	105	5a	†expenses	687	2b
†executed	381	3a	*expensive	394	3a
*execution	54		*experience	2,867	1b
*executive	423	3a	†experienced	227	3b
*executor	24		†experiences	102	5a
*exempt	26		†experiencing	24	
*exercise	413	3a	*experiment	196	4a
†exercised	41		experimental	24	
†exercises	127	4b	†experiments	44	
†exercising	19		*expert	112	5a
*exert	26		expiration	79	5b
*exertion	23		*expire	61	
*exhaust	24		†expired	76	5b
†exhausted	346	3a	†expires	69	
*exhibit	172	4a	†expiring	45	
†exhibited	26		*explain	1,151	2a
*exhibition	108	5a	†explained	663	2b
†exhibits	42		†explaining	231	3b
*exile	48		†explains	194	4a
*exist	162	4a	*explanation	780	2a
†existed	63		†explanations	31	
*existence	250	3b	explanatory	57	

Explicit**98****Falls**

explicit	34		*fabric	20	
explode	14		*face	1,911	1b
*explosion	31		†faced	69	
*export	121	4b	†faces	103	5a
*expose	23		facial	25	
†exposed	71		facilitate	59	
*exposition	34		facilitates	29	
*exposure	25		†facilities	198	4a
*express	3,581	1a	*facility	34	
†expressed	470	2b	†facing	61	
†expresses	51		*fact	6,999	1a
†expressing	110	5a	*faction	18	
*expression	569	2b	*factor	95	5a
†expressions	100	5a	†factories	137	4b
*expressive	15		†factors	29	
*expressly	14		*factory	2,112	1b
*exquisite	169	4a	†facts	951	2a
†exquisitely	23		†faculties	47	
*extend	703	2b	*faculty	731	2a
†extended	522	2b	*fade	50	
†extending	229	3b	†faded	28	
†extends	39		*fail	1,026	2a
*extension	1,031	2a	†failed	1,207	2a
*extensive	98	5a	†failing	108	5a
†extensively	37		†fails	65	
*extent	994	2a	*failure	483	2b
*exterior	36		†failures	49	
*external	51		*faint	100	5a
*extra	1,904	1b	*fair	1,950	1b
*extract	38		†fairest	41	
*extraordinary	143	4b	†fairly	620	2b
†extras	35		fairness	57	
*extravagant	30		*fairy	36	
*extreme	162	4a	*faith	569	2b
†extremely	1,314	2a	*faithful	202	4a
*eye	1,872	1b	†faithfully	258	3b
*eyebrow	12		*fall	2,979	1b
†eyebrows	21		*fallen	212	4a
†eyed	25		†falling	180	4a
†eyes	1,451	1b	†falls	190	4a

False

99

Feel

*false	286	3b	†fathers	63
*falsehood	21		*fatigue	65
*fame	82	5b	*faucet	23
*familiar	516	2b	*fault	909 2a
†families	160	4a	†faults	98 5a
*family	2,822	1b	*faulty	22
*famous	310	3a	*favor	7,747 1a
†fancies	39		*favorable	894 2a
*fancy	655	2b	†favorably	330 3a
†fans	31		†favored	673 2b
*fantastic	17		†favoring	47
*far	5,874	1a	*favorite	289 3b
*farce	49		†favorites	21
*fare	181	4a	†favors	550 2b
†fares	16		*fear	1,910 1b
*farewell	149	4b	†feared	119 5a
*farm	2,087	1b	*fearful	84 5b
*farmer	400	3a	†fearfully	23
farmer's	23		†fearing	38
†farmers	492	2b	†fears	95 5a
†farming	137	4b	feasible	53
†farms	115	5a	*feast	54
*farther	310	3a	*feat	16
†fascinated	22		*feather	35
†fascinating	82	5b	†feathers	29
fascination	25		*feature	507 2b
*fashion	317	3a	†featured	16
*fashionable	52		†features	189 4a
†fashioned	48		†featuring	29
†fashions	23		Feb.	320 3a
*fast	1,117	2a	*February	940 2a
*fasten	23		*fed	235 3b
†fastened	39		*federal	268 3b
fastenings	32		*federation	77 5b
†faster	53		*fee	1,650 1b
*fat	1,741	1b	*feeble	119 5a
*fatal	101	5a	*feed	726 2a
*fate	213	3b	*feeder	19
*father	2,759	1b	†feeding	72
father's	127	4b	*feel	12,435 1a

Feeling

100

Finest

*feeling	2,738	1b	fifty-five	26	
†feelings	459	2b	*fig	27	
†feels	486	2b	*fight	766	2a
†fees	123	4b	†fighting	227	3b
*feet	1,499	1b	†fighths	24	
*fell	475	2b	†figs	18	
†felling	19		*figure	1,296	2a
*fellow	2,046	1b	†figured	417	3a
†fellows	797	2a	†figures	1,157	2a
*fellowship	55		†figuring	166	4a
*felt	2,056	1b	*file	2,583	1b
*female	68		†filed	633	2b
*feminine	60		†files	1,459	1b
*fence	219	3b	†filing	307	3a
†fences	40		*fill	2,186	1b
†fencing	16		†filled	1,459	1b
*fern	26		*filler	18	
†ferns	21		†filling	673	2b
*ferry	27		†fills	48	
*fertile	12		*film	68	
*fertilizer	16		†films	53	
*fervent	18		*filthy	19	
*fervor	13		*fin	53	
*festival	55		*final	812	2a
*fever	428	3a	*finally	1,100	2a
*few	13,806	1a	†finals	159	4a
†fewer	109	5a	*finance	115	5a
*fiber	59		†finances	85	5b
*fickle	23		*financial	740	2a
*fiction	101	5a	†financially	108	5a
*fidelity	20		†financing	36	
*field	1,326	2a	*find	18,805	1a
†fields	212	4a	†finding	448	2b
*fiend	24		findings	39	
*fierce	136	4b	†finds	379	3a
*fiery	24		*fine	6,312	1a
*fifteen	830	2a	†finely	38	
*fifteenth	96	5a	†finer	73	
*fifth	372	3a	†fines	19	
*fifty	1,302	2a	†finest	277	3b

Finger

101

F. O. B.

*finger	168	4a	flapper	17	
†fingers	141	4b	*flash	52	
*finish	2,200	1b	*flat	472	2b
†finished	1,633	1b	*flatter	84	5b
†finishing	126	4b	†flattered	56	
*fir	27		†flattering	56	
*fire	1,785	1b	*flattery	31	
†fired	40		*flavor	63	
*fireman	20		*flax	20	
*fireplace	64		*fled	19	
*fireproof	28		*fleet	38	
†fires	51		*flesh	126	4b
†firing	22		*flew	28	
*firm	972	2a	*flexible	40	
†firmly	103	5a	*flies	85	5b
†firms	116	5a	*flight	46	
*first	16,323	1a	*fling	28	
first-class	32		*flirt	28	
first-rate	30		†flirting	21	
fiscal	43		†floating	36	
*fish	381	3a	*flock	37	
†fished	16		*flood	53	
†fishing	212	4a	*floor	1,437	1b
*fist	27		*flooring	20	
*fit	1,816	1b	†floors	81	5b
*fitness	23		*flour	152	4b
†fits	84	5b	†flourishing	22	
†fitted	165	4a	*flow	41	
†fitting	91	5b	†flowed	19	
*five	4,313	1a	*flower	254	3b
*fix	1,177	2a	†flowers	1,041	2a
†fixed	803	2a	†flowing	33	
†fixing	68		*flown	18	
*fixture	42		†flows	26	
†fixtures	151	4b	*flung	36	
fizzle	24		flunk	48	
*flag	165	4a	flunked	24	
†flags	31		*fly	533	2b
*flame	20		†flying	136	4b
*flannel	26		f. o. b.	1,069	2a

Foggy

102

Formulate

*foggy	20	
*fold	58	
†folded	22	
*folder	118	5a
†folders	36	
†folding	41	
*foliage	38	
*folk	301	3b
†folks	1,602	1b
†follies	23	
*follow	1,551	1b
†followed	568	2b
*following	5,382	1a
†follows	1,750	1b
*folly	77	5b
*fond	241	3b
†fonder	15	
*food	558	2b
†foods	26	
*fool	333	3a
†fooled	56	
†fooling	34	
*foolish	366	3a
†foolishly	17	
*foolishness	31	
†fools	91	5b
*foot	903	2a
*football	616	2b
†footing	29	
*for	204,320	1a
*forbade	27	
*forbid	49	
*forbidden	28	
†forbids	20	
*force	1,020	2a
†forced	303	3a
forceful	15	
†forces	80	5b
†forceibly	34	
†forcing	38	

*ford (F')	68	
*fore	12	
*forecast	15	
*forego	13	
†foregoing	31	
*forehead	29	
*foreign	913	2a
†foreigners	49	
*foreman	58	
*foremost	47	
*forenoon	125	4b
*foresee	38	
*forest	180	4a
†forests	29	
forethought	16	
*forever	275	3b
*forget	2,097	1b
forgetful	16	
†forgets	17	
†forgetting	47	
*forgive	757	2a
†forgiven	55	
*forgiveness	48	
*forgot	848	2a
*forgotten	845	2a
*fork	30	
†forks	48	
*form	2,964	1b
*formal	331	3a
formality	14	
†formally	45	
*formation	48	
†formed	194	4a
*former	1,092	2a
†formerly	416	3a
*formidable	36	
†forming	48	
†forms	615	2b
formula	55	
formulate	19	

Forsaken

103

Front

†forsaken	32		†fraternally	57	
*fort	42		*fraternity	376	3a
*forth	426	3a	*fraud	15	
forthcoming	59		*free	1,959	1b
*forthwith	16		*freedom	230	3b
*fortnight	129	4b	†freely	122	4b
*fortunate	373	3a	*freeze	132	4b
†fortunately	83	5b	†freezing	41	
*fortune	294	3b	*freight	2,920	1b
*forty	589	2b	*French	191	4a
forty-eight	43		frequency	15	
forty-five	37		*frequent	151	4b
forty-two	34		†frequently	531	2b
*forward	6,770	1a	*fresh	528	2b
†forwarded	2,813	1b	*freshman	198	4a
†forwarding	1,315	2a	freshmen	76	5b
*fought	124	4b	*freshness	23	
*foul	29		*fret	23	
*found	5,485	1a	friction	38	
*foundation	224	3b	*Friday	3,948	1a
†founded	62		*fried	53	
*founder	16		*friend	7,931	1a
foundry	29		friendless	17	
*fountain	174	4a	friendliness	20	
*four	5,723	1a	*friendly	777	2a
foursome	42		friend's	26	
*fourteen	272	3b	†friends	3,130	1b
*fourteenth	32		*friendship	693	2b
*fourth	895	2a	†friendships	60	
*fraction	18		*fright	57	
*fragrance	18		*frighten	19	
*fragrant	28		†frightened	85	5b
*frail	24		*frightful	31	
*frame	344	3a	*fringe	16	
†framed	53		frivolous	28	
†frames	136	4b	*frog	20	
*frank	358	3a	†frogs	16	
†frankly	257	3b	*frolic	16	
frankness	62		*from	70,382	1a
*frantic	38		*front	1,501	1b

Frost

104

Gauge

*frost	94	5a	*further	6,323	1a
*frosty	27		*furthermore	247	3b
*frown	18		*fury	51	
*froze	67		*fuss	76	5b
*frozen	107	5a	†fussed	27	
*fruit	675	2b	futile	30	
†fruits	51		*future	6,882	1a
*fry	203	4a			
*ft.	349	3a	*gaiety	25	
*fudge	51		*gain	439	3a
*fuel	159	4a	†gained	273	3b
*fulfill	50		†gaining	159	4a
†fulfilled	33		†gains	52	
fulfillment	32		*gale	46	
*full	4,999	1a	*gallant	36	
†fullest	52		*gallery	60	
*fullness	20		galley	28	
*fully	2,189	1b	*gallon	220	3b
*fun	2,484	1b	†gallons	110	5a
*function	66		†galvanized	150	4b
†functions	74		†gambling	43	
*fund	312	3a	*game	2,151	1b
*fundamental	90	5b	†games	276	3b
†fundamentally	19		*gang	160	4a
†fundamentals	20		*garage	261	3b
†funds	574	2b	*garbage	107	5a
*funeral	269	3b	*garden	990	2a
†funniest	32		†gardening	49	
*funny	1,443	1b	†gardens	41	
*fur	1,909	1b	*garment	157	4b
*furious	65		†garments	82	5b
furlough	18		†garters	25	
*furnace	184	4a	*gas	752	2a
*furnish	4,075	1a	gasoline	193	4a
†furnished	1,084	2a	*gate	143	4b
†furnishes	22		†gates	46	
†furnishing	452	2b	*gather	183	4a
furnishings	39		†gathered	127	4b
*furniture	697	2b	†gathering	85	5b
†furs	23		*gauge	30	

Gauze

105

Glorious

*gauze	23	
*gave	4,037	1a
*gay	187	4a
*gaze	32	
gazette	16	
*gear	23	
†gears	39	
*geese	17	
*gem	117	5a
*general (G)	5,203	1a
†generally	960	2a
*generation	103	5a
†generations	25	
*generosity	65	
*generous	314	3a
†generously	18	
*genial	15	
*genius	224	3b
genteel	25	
*gentle	182	4a
*gentleman	814	2a
gentlemen	2,984	1b
*gentleness	19	
*gently	54	
*genuine	240	3b
*geography	105	5a
geology	22	
*geometry	106	5a
*georgette	21	
*German	39	
†germs	15	
*gesture	25	
†gestures	15	
*get	60,525	1a
†gets	832	2a
†getting	7,522	1a
*ghastly	17	
*ghost	61	
†ghosts	24	
*giant	25	

*giddy	21	
*gift	559	2b
†gifts	122	4b
*gigantic	20	
*gilt	22	
*ginger	15	
*gingham	95	5a
*girdle	20	
*girl	7,151	1a
girlie	67	
girlish	72	
girl's	59	
†girls	3,268	1b
girls'	30	
gist	31	
*give	18,820	1a
*given	7,399	1a
*giver	18	
†gives	1,421	1b
†giving	4,214	1a
*glad	21,896	1a
*gladden	17	
†gladly	823	2a
*gladness	97	5a
*glance	130	4b
†glanced	16	
*gland	26	
*glare	24	
†glaring	22	
*glass	832	2a
†glasses	137	4b
glazed	20	
*gleam	29	
*glee	77	5b
*glimpse	74	
*globe	93	5b
*gloom	45	
*gloomy	172	4a
†glories	21	
*glorious	554	2b

Glory

106

Grateful

*glory	172	4a
*glove	63	
†gloves	100	5a
*glow	37	
†glowing	33	
*glue	22	
*go	34,761	1a
*goal	50	
*goat	44	
†goats	25	
*God	689	2b
†gods	64	
*goes	1,618	1b
*going	18,605	1a
*gold	788	2a
*golden	263	3b
*golf	259	3b
*gone	4,360	1a
*good	47,120	1a
*good-bye	510	2b
good-looking	28	
*goodly	18	
good-natured	53	
*goodness	387	3a
good-night	170	4a
†goods	4,434	1a
*good will	45	
*goose	68	
*gorgeous	118	5a
gosh	27	
*gospel	33	
*gossip	210	4a
*got	26,239	1a
*gotten	817	2a
gout	30	
*govern	64	
†governed	93	5b
†governing	43	
*government	2,053	1b
governmental	23	

†governments	44	
*governor	195	4a
*gown	177	4a
†gowns	24	
*grab	25	
†grabbed	19	
*grace	129	4b
*graceful	58	
†gracefully	25	
*gracious	55	
*grade	2,740	1b
†graded	61	
†grades	1,086	2a
†grading	83	5b
*gradual	53	
†gradually	158	4a
*graduate	782	2a
†graduated	137	4b
†graduates	108	5a
†graduating	124	4b
*graduation	373	3a
*graft	36	
*grain	351	3a
*grammar	130	4b
*grand	1,031	2a
*grandfather	103	5a
*grandma	265	3b
grandma's	16	
*grandmother	123	4b
*grandpa	20	
*granite	30	
*grant	368	3a
†granted	356	3a
†granting	77	5b
*grape	29	
†grapes	54	
*grasp	37	
*grass	310	3a
*grate	27	
*grateful	316	3a

Gratefully

107

Guns

†gratefully	43		†groceries	41	
†grates	20		*grocery	149	4b
gratification	36		*groom	23	
†gratified	60		*gross	399	3a
*gratify	26		grouchy	21	
†gratifying	108	5a	*ground	1,419	1b
*gratitude	205	4a	†grounds	300	3b
*grave	251	3b	*group	604	2b
*gravel	35		†groups	119	5a
†gravely	20		*grove	44	
†graves	24		*grow	627	2b
*gravity	24		†growers	19	
*gravy	44		†growing	497	2b
*gray	536	2b	*grown	372	3a
*grease	24		†grows	106	5a
*great	11,713	1a	*growth	178	4a
†greater	1,049	2a	*guarantee	507	2b
†greatest	922	2a	†guaranteed	129	4b
†greatly	3,182	1b	†guarantees	20	
*greatness	70		*guard	283	3b
greed	25		†guarded	32	
*Greek	17		*guardian	791	2a
*green	1,179	2a	†guards	43	
*greet	136	4b	*guess	5,999	1a
†greeted	36		†guessed	288	3b
†greeting	117	5a	†guesses	23	
greetings	129	4b	†guessing	84	5b
*grew	152	4b	*guest	287	3b
*grief	135	4b	†guests	143	4b
*grievance	22		*guidance	40	
†grievances	21		*guide	208	4a
*grieve	24		†guided	17	
†grieved	24		†guides	20	
*grim	29		*guilt	27	
*grin	19		*guilty	216	3b
*grind	87	5b	*guitar	33	
†grinding	17		*gulf	23	
*grip	151	4b	*gum	27	
grippe	105	5a	*gun	203	4a
*grit	28		†guns	130	4b

<i>guy</i>	93	5b	†hangers	20	
<i>gym</i>	87	5b	†hanging	171	4a
* <i>gymnasium</i>	89	5b	†hangs	64	
			*happen	1,419	1b
* <i>ha</i>	800	2a	†happened	1,076	2a
* <i>habit</i>	345	3a	†happening	75	5b
† <i>habits</i>	215	3b	happenings	50	
* <i>habitual</i>	22		†happens	489	2b
* <i>had</i>	72,081	1a	†happier	157	4b
* <i>hadn't</i>	391	3a	†happiest	90	5b
* <i>hail</i>	59		*happily	162	4a
† <i>hailed</i>	29		*happiness	858	2a
* <i>hair</i>	1,375	1b	*happy	4,773	1a
† <i>hairs</i>	34		*harbor	50	
* <i>half</i>	3,866	1a	*hard	5,901	1a
* <i>hall</i>	593	2b	†hardened	22	
* <i>Halloween</i>	18		†harder	211	4a
† <i>halls</i>	32		†hardest	120	5a
* <i>halt</i>	24		*hardly	2,729	1b
* <i>ham</i>	53		*hardship	46	
* <i>hammer</i>	36		†hardships	21	
* <i>hand</i>	8,255	1a	*hardware	158	4a
† <i>handed</i>	388	3a	*hardy	26	
* <i>handful</i>	47		*hare	45	
handicap	41		*harm	233	3b
handicapped	55		harmful	19	
† <i>handing</i>	76	5b	*harmless	56	
* <i>handkerchief</i>	206	4a	*harmonious	22	
† <i>handkerchiefs</i>	62		*harmony	132	4b
* <i>handle</i>	2,137	1b	*harness	57	
† <i>handled</i>	1,000	2a	*harrow	16	
† <i>handles</i>	139	4b	*harsh	31	
† <i>handling</i>	1,655	1b	*harvest	94	5a
† <i>hands</i>	2,199	1b	*has	49,864	1a
* <i>handsome</i>	342	3a	*hasn't	581	2b
† <i>handsomest</i>	18		*haste	187	4a
* <i>handwriting</i>	46		*hasten	137	4b
* <i>handy</i>	253	3b	*hastily	54	
* <i>hang</i>	352	3a	*hasty	45	
† <i>hanged</i>	27		*hat	1,984	1b

Hatch

109

Helps

*hatch	14	
†hatched	31	
*hatchet	15	
*hate	1,090	2a
†hated	240	3b
*hateful	17	
†hates	34	
†hating	14	
*hatred	72	
†hats	94	5a
*haughty	12	
*haul	137	4b
†hauled	59	
†hauling	70	
haunt	36	
haunted	32	
haunts	17	
*have	179,625	1a
haven't	3,115	1b
†having	9,046	1a
*hay	800	2a
*hazard	27	
*he	65,157	1a
*head	2,759	1b
*headache	255	3b
†headed	99	5a
†heading	101	5a
*headquarters	153	4b
†heads	422	3a
*heal	36	
*health	1,790	1b
*healthful	16	
*healthy	120	5a
*heap	99	5a
†heaps	292	3b
*hear	13,746	1a
*heard	5,793	1a
†hearing	1,192	2a
†hears	37	
*heart	2,651	1b

*hearted	35	
*heartfelt	20	
†heartiest	21	
*heartily	267	3b
heartless	15	
†hearts	185	4a
*hearty	158	4a
*heat	370	3a
†heated	20	
*heater	66	
*heathen	22	
†heating	86	5b
*heaven	443	2b
*heavenly	52	
†heavens	89	5b
†heavier	87	5b
†heaviest	23	
*heavily	53	
*heavy	1,242	2a
hectic	17	
*hedge	41	
*heed	15	
*heel	37	
†heels	59	
*height	248	3b
†heights	50	
*heir	43	
†heirs	41	
*held	2,109	1b
*he'll	36	
*hell	144	4b
*hello	444	2b
*help	6,111	1a
†helped	647	2b
*helper	21	
*helpful	365	3a
helpfulness	14	
†helping	429	3a
*helpless	110	5a
†helps	233	3b

Hem

110

Holes

* <i>hem</i>	80	5b	hikes	23	
* <i>hen</i>	251	3b	hiking	52	
* <i>hence</i>	648	2b	* <i>hill</i>	321	3a
* <i>henceforth</i>	15		† <i>hills</i>	245	3b
† <i>hens</i>	68		* <i>hillside</i>	26	
* <i>her</i>	42,314	1a	* <i>hilly</i>	23	
* <i>herd</i>	28		* <i>him</i>	27,153	1a
* <i>here</i>	39,034	1a	* <i>himself</i>	1,952	1b
* <i>hereafter</i>	206	4a	* <i>hinder</i>	53	
* <i>hereby</i>	90	5b	† <i>hinges</i>	27	
* <i>hereditary</i>	27		* <i>hint</i>	67	
* <i>herein</i>	55		† <i>hinted</i>	21	
* <i>here's</i>	54		† <i>hints</i>	60	
hereto	240	3b	* <i>hire</i>	114	5a
* <i>heretofore</i>	317	3a	† <i>hired</i>	114	5a
* <i>herewith</i>	9,206	1a	† <i>hiring</i>	25	
* <i>hero</i>	134	4b	* <i>his</i>	26,409	1a
† <i>heroes</i>	50		* <i>historian</i>	24	
* <i>heroic</i>	61		* <i>historic</i>	31	
* <i>hers</i>	66		* <i>historical</i>	121	4b
* <i>herself</i>	594	2b	† <i>histories</i>	19	
* <i>he's</i>	28		* <i>history</i>	1,780	1b
hesitancy	31		* <i>hit</i>	422	3a
* <i>hesitate</i>	668	2b	* <i>hither</i>	53	
† <i>hesitated</i>	56		* <i>hitherto</i>	93	5b
* <i>hesitation</i>	53		† <i>hits</i>	21	
* <i>hid</i>	13		† <i>hitting</i>	24	
* <i>hidden</i>	50		* <i>hoarse</i>	15	
* <i>hide</i>	62		* <i>hockey</i>	23	
* <i>hideous</i>	23		* <i>hoe</i>	40	
† <i>hiding</i>	34		* <i>hog</i>	1,035	2a
* <i>high</i>	6,363	1a	† <i>hogs</i>	99	5a
† <i>higher</i>	980	2a	* <i>hoist</i>	30	
† <i>highest</i>	696	2b	* <i>hold</i>	3,404	1b
† <i>highly</i>	597	2b	* <i>holder</i>	84	5b
high school	123	4b	† <i>holders</i>	34	
* <i>highway</i>	166	4a	† <i>holding</i>	1,367	1b
† <i>highways</i>	41		† <i>holds</i>	200	4a
hike	123	4b	* <i>hole</i>	222	3b
hiked	28		† <i>holes</i>	121	4b

Holiday

111

Howling

*holiday	491	2b
†holidays	196	4a
*hollow	72	
*holy	96	5a
*home	15,171	1a
home-coming	18	
*homely	52	
†homes	205	4a
*homesick	344	3a
homesickness	16	
homestead	42	
*homeward	24	
Hon.	29	
*honest	794	2a
†honestly	441	3a
*honesty	331	3a
*honey	325	3a
*honeymoon	50	
*honor	1,103	2a
*honorable	116	5a
†honorably	23	
honorary	28	
†honored	135	4b
†honors	56	
*hook	43	
†hooks	31	
*hop	66	
*hope	16,439	1a
†hoped	427	3a
*hopeful	140	4b
*hopeless	113	5a
†hopelessly	22	
†hopes	644	2b
†hoping	2,764	1b
*horizon	34	
*horn	52	
*horrible	170	4a
†horribly	22	
*horrid	72	
horrified	18	

*horror	81	5b
†horrors	51	
*horse	687	2b
*horseback	81	5b
†horses	355	3a
*hose	237	3b
*hosiery	28	
*hospitable	48	
*hospital	947	2a
*hospitality	48	
†hospitals	43	
*host	30	
*hostess	36	
†hostesses	18	
*hostile	28	
*hostility	30	
†hosts	22	
*hot	3,095	1b
*hotel	978	2a
†hotels	40	
†hotter	14	
†hottest	19	
*hound	33	
†hounds	25	
*hour	2,049	1b
*hourly	19	
hour's	68	
†hours	1,979	1b
*house	9,650	1a
*household	263	3b
*housekeeper	72	
housekeeping	95	5a
†houses	749	2a
*housework	28	
†housing	40	
house party	48	
*how	28,755	1a
*however	13,079	1a
*howl	30	
†howling	45	

How's

112

Imagines

how's	59		*hypocrisy	16	
†hrs.	25				
hubby	20		*I	715,130	1a
*hug	533	2b	*ice	784	2a
*huge	147	4b	ice cream	43	
*human	860	2a	*icy	40	
*humane	18		*I'd	166	4a
*humanity	157	4b	*idea	2,799	1b
*humble	198	4a	*ideal	499	2b
†humblly	19		†ideals	144	4b
humbug	33		†ideas	522	2b
*humiliation	19		identical	40	
*humility	33		identification	31	
*humor	208	4a	*identify	46	
*humorous	39		identity	25	
hunch	22		*idiot	17	
*hundred	2,946	1b	*idle	182	4a
†hundreds	151	4b	*idleness	29	
*hung	89	5b	*if	93,437	1a
*hungry	151	4b	*ignorance	165	4a
*hunt	138	4b	*ignorant	128	4b
†hunted	29		*ignore	62	
*hunter	24		†ignored	45	
†hunting	179	4a	*I'll	363	3a
†hurried	85	5b	*ill	895	2a
hurriedly	32		*illness	264	3b
*hurry	984	2a	*illustrate	98	5a
†hurryng	30		†illustrated	185	4a
*hurt	864	2a	†illustrating	78	5b
†hurting	39		*illustration	105	5a
†hurts	65		†illustrations	149	4b
*husband	756	2a	*I'm	999	2a
†husbands	29		*image	123	4b
*hush	12		†images	18	
husky	23		*imaginable	59	
*hustle	23		imaginary	18	
†hustling	23		*imagination	234	3b
hygiene	14		*imagine	1,941	1b
*hymn	18		†imagined	121	4b
†hymns	25		†imagines	18	

Imitate

113

Inconvenienced

*imitate	26	
*imitation	84	5b
*immediate	2,385	1b
†immediately	913	2a
*immense	162	4a
†immensely	119	5a
*immigration	20	
immoral	23	
*immortal	43	
†impaired	17	
*impart	14	
*impartial	21	
*impatience	44	
*impatient	87	5b
*imperative	28	
*imperfect	49	
*imperial	23	
*impersonal	15	
*implement	15	
†implied	22	
†implies	30	
*imply	17	
*import	57	
*importance	493	2b
*important	1,740	1b
†imported	28	
*impose	29	
†imposed	29	
†imposing	20	
impossibility	54	
*impossible	1,992	1b
*impress	86	5b
†impressed	183	4a
*impression	867	2a
†impressions	75	5b
*impressive	44	
*imprisonment	16	
improbable	25	
improper	38	
*improve	263	3b

†improved	396	3a
*improvement	454	2b
†improvements	128	4b
†improving	186	4a
*impudence	19	
*impudent	18	
*impulse	109	5a
*in	265,531	1a
*inability	437	3a
*inaccessible	17	
inadequate	49	
*inasmuch	900	2a
inaugurate	15	
inaugurated	18	
inc.	62	
*incapable	76	5b
*incense	14	
incentive	34	
†incessantly	20	
*inch	511	2b
†inches	708	2b
*incident	110	5a
*incidental	34	
†incidentally	156	4b
†incidents	44	
*inclination	47	
*incline	34	
†inclined	451	2b
*include	1,387	1b
†included	1,273	2a
†includes	404	3a
†including	1,603	1b
inclusive	299	3b
incoherent	16	
*income	339	3a
*incomparable	21	
*incomplete	29	
inconsistent	32	
*inconvenience	632	2b
†inconvenienced	214	3b

Inconvenient

114

Informing

inconvenient	23		†individually	35	
incorporate	16		†individuals	116	5a
incorporated	95	5a	*indoors	20	
incorrect	73		*induce	131	4b
*increase	1,432	1b	†induced	69	
†increased	588	2b	*inducement	32	
†increases	117	5a	*indulge	87	5b
†increasing	264	3b	†indulged	39	
*incredible	31		*indulgence	26	
*incubator	24		*industrial	247	3b
*incur	21		†industries	48	
†incurred	66		*industrious	45	
*indebted	38		*industry	175	4a
indebtedness	159	4a	*inevitable	67	
*indeed	3,738	1a	†inevitably	32	
*indefinite	149	4b	*inexhaustible	32	
†indefinitely	121	4b	inexpensive	20	
indemnity	32		*infancy	14	
*independence	55		*infant	23	
*independent	264	3b	†infected	17	
†independently	31		*infection	24	
*index	41		*infer	81	5b
*Indian	32		inference	23	
*indicate	813	2a	*inferior	79	5b
†indicated	585	2b	*infernal	37	
†indicates	174	4a	†inferred	22	
†indicating	190	4a	*infinite	112	5a
*indication	62		†infinitely	64	
†indications	54		infirmary	25	
*indifference	107	5a	*inflict	23	
*indifferent	125	4b	*influence	564	2b
indigestion	30		†influenced	35	
*indignant	34		†influences	28	
*indignation	51		*influential	34	
*indigo	15		influenza	32	
*indirect	22		*inform	1,943	1b
†indirectly	47		*informal	127	4b
*indispensable	28		*information	12,254	1a
*individual	601	2b	†informed	1,321	2a
individuality	14		†informing	250	3b

Inform

115

Instrument

†informs	98	5a	*insinuate	19	
ingenuity	23		*insist	445	2b
†ingredients	15		†insisted	97	5a
†inhabitants	42		insistent	20	
*inheritance	24		†insisting	44	
*initial	137	4b	†insists	23	
†initials	68		*inspect	150	4b
initiate	27		†inspected	44	
initiated	43		*inspection	510	2b
initiation	163	4a	*inspector	53	
initiative	39		*inspiration	178	4a
*injunction	28		*inspire	31	
*injure	40		†inspired	99	5a
†injured	91	5b	†inspiring	39	
*injurious	43		Inst.	2,088	1b
*injury	128	4b	*install	166	4a
*injustice	81	5b	installation	154	4b
*ink	422	3a	†installed	202	4a
inland	23		†installing	97	5a
*inner	28		*installment	79	5b
*innocence	32		†installments	71	
*innocent	203	4a	*instance	1,319	2a
*innumerable	33		†instances	134	4b
*inquire	435	3a	*instant	1,028	2a
†inquired	140	4b	†instantly	74	
†inquires	28		*instead	2,942	1b
†inquiries	275	3b	*instinct	39	
†inquiring	259	3b	*institute	293	3b
*inquiry	2,205	1b	†instituted	15	
inquisitive	22		*institution	287	3b
*insane	66		†institutions	191	4a
*inscription	27		*instruct	222	3b
†insects	22		†instructed	611	2b
*insensible	33		†instructing	75	5b
*insert	89	5b	*instruction	386	3a
†inserted	43		†instructions	2,654	1b
*insertion	20		*instructive	62	
*inside	511	2b	*instructor	121	4b
*insight	32		†instructors	41	
*insignificant	45		*instrument	184	4a

Instruments

116

Investigate

†instruments	107	5a	intermission	22	
*insufficient	68		*internal	83	5b
*insult	87	5b	*international	178	4a
†insulted	28		*interpret	38	
*insurance	1,871	1b	*interpretation	62	
*insure	161	4a	†interpreted	25	
†insured	220	3b	*interrupt	57	
†insuring	17		†interrupted	94	5a
*integrity	41		†interrupting	17	
*intellect	55		*interruption	42	
*intellectual	108	5a	interstate	39	
*intelligence	169	4a	interurban	24	
*intelligent	241	3b	*interval	89	5b
†intelligently	64		†intervals	122	4b
*intend	865	2a	*intervene	15	
†intended	1,327	2a	†intervening	14	
†intending	87	5b	*interview	219	3b
†intends	108	5a	†interviewed	68	
*intense	106	5a	†interviews	17	
†intensely	37		*intimate	179	4a
*intent	17		†intimated	34	
*intention	626	2b	†intimately	39	
intentionally	24		intimation	24	
†intentions	199	4a	*into	9,122	1a
*inter	36		*intolerable	25	
intercede	16		*introduce	187	4a
*interchange	32		†introduced	272	3b
*intercourse	81	5b	†introducing	32	
*interest	9,065	1a	*introduction	177	4a
†interested	5,336	1a	introductory	27	
†interesting	2,804	1b	*intrude	35	
†interests	508	2b	*invalid	66	
*interfere	212	4a	†invariably	54	
†interfered	36		*invasion	30	
interference	46		*invent	24	
†interferes	27		*invention	49	
†interfering	33		inventory	360	3a
interim	25		*invest	47	
*interior	208	4a	†invested	73	
intermediate	74		*investigate	361	3a

Investigated

117

Joining

†investigated	80	5b	*item	2,931	1b
†investigating	74		itemized	251	3b
*investigation	605	2b	†items	2,720	1b
†investigations	38		itinerary	18	
investigators	28		*it's	655	2b
*investment	407	3a	*its	10,278	1a
†investments	33		*itself	1,281	2a
*invisible	19		*I've	330	3a
*invitation	943	2a	*ivory	87	5b
†invitations	115	5a			
*invite	303	3a	jabber	20	
†invited	883	2a	*jack	18	
†invites	36		*jacket	55	
†inviting	104	5a	*jade	81	5b
*invoice	3,790	1a	*jail	78	5b
†invoiced	106	5a	*jam	53	
†invoices	961	2a	†jammed	18	
*involve	85	5b	*Jan.	394	3a
†involved	318	3a	*janitor	59	
†involves	40		*January	4,423	1a
†involving	49		*jar	203	4a
*inward	11		jargon	18	
*iron	817	2a	†jars	23	
†ironed	37		jaunt	41	
†ironing	88	5b	*javelin	26	
†irons	27		*jaw	144	4b
*irregular	56		jazz	114	5a
irregularity	24		*jealous	329	3a
*irrigation	27		*jealousy	20	
*is	185,785	1a	*jelly	102	5a
*island	182	4a	*jest	30	
†islands	105	5a	*jewel	34	
*isle	16		*jewelry	47	
*isn't	1,788	1b	*job	3,504	1a
*issue	1,998	1b	jobber	69	
†issued	1,027	2a	jobbers	193	4a
†issues	128	4b	†jobs	108	5a
†issuing	78	5b	*join	518	2b
*it	203,289	1a	†joined	220	3b
*itch	14		†joining	43	

Joins

118

Kindergarten

†joins	66		*justice	533	2b
*joint	296	3b	justification	20	
†jointly	20		†justified	441	3a
†joints	37		†justifies	22	
*joke	287	3b	*justify	245	3b
†jokes	56		†justly	147	4b
†joking	48		juvenile	53	
*jolly	204	4a			
*journal	378	3a	*keen	288	3b
journalism	35		†keenest	16	
†journals	30		†keenly	46	
*journey	310	3a	*keep	7,798	1a
†journeys	16		*keeper	46	
*joy	549	2b	†keeping	1,316	2a
*joyful	25		†keeps	410	3a
*joyous	44		keepsake	20	
†joys	59		* <i>keg</i>	40	
Jr.	65		*kept	1,512	1b
*judge	1,061	2a	*kernel	19	
†judged	64		*kerosene	39	
†judges	90	5b	*kettle	25	
†judging	190	4a	* <i>key</i>	93	5b
*judgment	1,471	1b	†keys	75	5b
†judgments	24		*kick	141	4b
judicial	61		†kicked	75	5b
*judicious	41		†kicking	36	
*juice	47		* <i>kid</i>	1,463	1b
*juicy	14		†kiddies	59	
* <i>July</i>	3,020	1b	†kidding	32	
*jump	276	3b	kidnapped	14	
†jumped	108	5a	*kidney	17	
†jumping	55		†kids	461	2b
*junction	29		*kill	288	3b
* <i>June</i>	2,390	1b	†killed	314	3a
*junior	372	3a	†killing	72	
†juniors	50		†kills	34	
*junk	58		*kimono	47	
*jurisdiction	58		*kind	9,810	1a
*jury	103	5a	†kinder	26	
* <i>just</i>	45,001	1a	*kindergarten	135	4b

Kindergartens

119

Lands

†kindergartens	26		†knows	1,212	2a
†kindest	759	2a	*kodak	73	
*kindle	42				
kindliness	18		*label	88	5b
*kindly	16,612	1a	†labels	32	
*kindness	1,072	2a	*labor	914	2a
†kindnesses	20		*laboratory	139	4b
*kindred	91	5b	†labored	29	
†kinds	355	3a	*laborer	17	
*king	268	3b	†laborers	29	
*kingdom	98	5a	†laboring	95	5a
†kings	55		*laborious	20	
*kiss	539	2b	†labors	31	
†kissed	67		*lace	225	3b
†kisses	302	3b	*lack	428	3a
†kissing	29		†lacking	71	
*kitchen	656	2b	†lacks	24	
*kitten	65		*lad	13	
†kittens	47		*ladder	53	
*knee	173	4a	*ladies	503	2b
*kneel	12		ladies'	56	
†knees	92	5b	*lading	773	2a
*knew	6,182	1a	*lady	1,540	1b
knickers	29		lady's	18	
*knife	142	4b	*laid	451	2b
†knights	17		*lain	18	
*knit	149	4b	*lake	449	2b
†knitted	17		†lakes	51	
†knitting	60		*lamb	56	
*knives	62		*lame	83	5b
*knock	93	5b	*lament	24	
†knocked	133	4b	*lamentable	15	
†knocking	34		*lamp	195	4a
knock-out	17		†lamps	143	4b
†knocks	18		*land	2,784	1b
*knot	42		†landed	135	4b
*know	46,680	1a	†landing	83	5b
†knowing	981	2a	landlady	75	5b
*knowledge	1,459	1b	*landlord	42	
*known	1,774	1b	†lands	174	4a

Landscape

120

Lectures

*landscape	90	5b	*lawn	104	5a
*lane	34		†laws	307	3a
*language	551	2b	*lawyer	99	5a
†languages	47		†lawyers	48	
*lantern	56		*lay	1,162	2a
*lap	267	3b	*layer	17	
*lapse	31		†laying	95	5a
*lard	19		layout	60	
*large	4,428	1a	†lays	39	
†largely	235	3b	laziness	22	
†larger	876	2a	*lazy	373	3a
†largest	288	3b	*lb.	67	
*lark	22		†lbs.	296	3b
*last	21,356	1a	*lead	705	2b
†lasted	78	5b	*leader	180	4a
†lasting	95	5a	†leaders	65	
†lastly	52		*leadership	65	
†lasts	43		†leading	405	3a
*latch	11		†leads	157	4b
*late	2,885	1b	*leaf	118	5a
†lately	1,138	2a	leaflet	20	
latent	16		*league	143	4b
†later	3,572	1a	*leak	31	
†latest	704	2b	*lean	98	5a
lath	24		*leap	27	
*lathe	27		*learn	2,608	1b
*Latin	68		†learned	822	2a
*latter	1,551	1b	†learning	397	3a
laudable	21		†learns	19	
*laugh	813	2a	*lease	412	3a
†laughed	308	3a	†leased	73	
†laughing	182	4a	†leases	28	
†laughs	40		*least	5,008	1a
*laughter	57		*leather	464	2b
*launch	40		*leave	5,674	1a
*laundry	248	3b	*leaves	982	2a
*laurel	17		†leaving	1,554	1b
lavender	43		*lecture	572	2b
*law	2,334	1b	*lecturer	22	
*lawful	30		†lectures	141	4b

Led

121

Likeness

*led	298	3b
ledger	112	5a
*left	5,373	1a
*leg	470	2b
*legacy	13	
*legal	307	3a
†legally	32	
*legend	27	
*legion	43	
*legislation	89	5b
*legislative	59	
*legislature	113	5a
*legitimate	61	
†legs	183	4a
*leisure	222	3b
†leisurely	19	
*lemon	55	
*lemonade	15	
*lend	107	5a
*length	1,326	2a
*lengthen	25	
†lengths	91	5b
†lengthy	31	
lenient	53	
*lent	31	
*less	4,018	1a
*lessen	19	
*lesser	24	
*lesson	473	2b
†lessons	558	2b
*lest	143	4b
*let	17,257	1a
*let's	73	
†lets	53	
*letter	56,786	1a
†lettering	54	
†letters	4,373	1a
†letting	434	3a
*lettuce	56	
*level	190	4a

*lever	15	
†levied	26	
*levy	22	
liabilities	53	
liability	222	3b
*liable	157	4b
*liar	33	
*liberal	492	2b
*liberty	893	2a
librarian	71	
†libraries	39	
*library	902	2a
*license	145	4b
†licensed	18	
†licenses	26	
*lick	23	
*lie	689	2b
lien	16	
†lies	233	3b
lieu	61	
*lieutenant	42	
*life	6,421	1a
life's	31	
*lifetime	56	
*lift	87	5b
†lifted	49	
†lifting	19	
*light	2,444	1b
†lighted	77	5b
†lighter	91	5b
†lighting	85	5b
†lightly	23	
*lightning	28	
†lights	267	3b
likable	30	
*like	21,477	1a
†liked	769	2a
likelihood	17	
*likely	885	2a
*likeness	53	

Likes

122

Loneliness

†likes	353	3a	*little	19,176	1a
*likewise	191	4a	*live	2,810	1b
†liking	126	4b	†lived	505	2b
†lilacs	22		*lively	285	3b
†lilies	33		*liver	24	
*limb	36		†lives	889	2a
†limbs	42		†living	1,752	1b
*lime	39		*load	477	2b
*limit	375	3a	†loaded	202	4a
limitations	21		†loading	46	
†limited	487	2b	†loads	220	3b
†limits	35		*loaf	52	
*line	7,351	1a	†loafing	26	
†lined	203	4a	*loan	775	2a
*linen	186	4a	†loaned	64	
†lines	2,564	1b	†loaning	29	
*linger	27		†loans	94	5a
*lining	192	4a	lobby	33	
*link	24		*local	1,822	1b
†links	16		*locality	123	4b
*linoleum	40		†locally	166	4a
*lion	32		*locate	1,444	1b
*lip	93	5b	†located	864	2a
†lips	107	5a	†locating	138	4b
*liquid	37		*location	939	2a
*liquor	78	5b	*lock	156	4b
†liquors	21		†locked	59	
*list	5,850	1a	locker	34	
†listed	1,034	2a	lockers	28	
*listen	636	2b	†locks	48	
†listened	68		*locomotive	29	
†listening	113	5a	*lodge	239	3b
†listing	160	4a	*lodging	38	
†lists	382	3a	*lofty	34	
literal	33		*log	40	
literally	112	5a	*logic	44	
*literary	322	3a	logical	74	
*literature	1,046	2a	†logs	30	
litigation	19		*lone	40	
*litter	14		*loneliness	16	

Lonely

123

Maiden

*lonely	301	3b
*lonesome	1,265	2a
*long	10,930	1a
†longed	58	
†longer	1,768	1b
†longest	108	5a
†longing	115	5a
*look	8,048	1a
†looked	2,034	1b
†looking	3,981	1a
*lookout	66	
†looks	1,307	2a
†looming	30	
*loop	40	
*loose	651	2b
*lord (L)	336	3a
*lose	958	2a
†loses	22	
†losing	204	4a
*loss	1,354	1b
†losses	42	
*lost	2,465	1b
*lot	6,960	1a
†lots	2,286	1b
*loud	141	4b
†loudly	16	
*lounge	17	
*lovable	68	
*love	14,434	1a
†loved	586	2b
†loveliest	35	
*loveliness	29	
*lovely	2,087	1b
*lover	268	3b
†lovers	40	
†loves	295	3b
†loving	684	2b
lovingly	1,172	2a
*low	2,334	1b
*lower	910	2a

†lowered	18	
†lowering	24	
†lowest	321	3a
*loyal	87	5b
†loyally	17	
*loyalty	80	5b
*luck	1,048	2a
luckily	30	
*lucky	521	2b
luggage	20	
*lumber	435	3a
*lump	76	5b
*lunch	882	2a
*luncheon	265	3b
†luncheons	23	
*lung	43	
†lungs	50	
*luster	26	
*luxurious	26	
*luxury	55	
lyceum	16	
*lying	178	4a
 *ma	2,371	1b
*machine	1,728	1b
*machinery	231	3b
†machines	380	3a
*mad	911	2a
*madam	342	3a
*made	21,985	1a
†madly	29	
*madness	28	
*magazine	428	3a
†magazines	190	4a
*magic	92	5b
*magneto	18	
*magnificent	121	4b
*mahogany	50	
*maid	223	3b
*maiden	81	5b

Maids

124

Marry

†maids	32	
*mail	7,002	1a
†mailed	1,584	1b
†mailing	920	2a
†mails	72	
*main	716	2a
†mainly	77	5b
*maintain	400	3a
†maintained	118	5a
†maintaining	62	
*maintenance	55	
*majestic	29	
*majesty	39	
*major	124	4b
*majority	328	3a
*make	25,605	1a
*maker	57	
†makers	46	
†makes	2,430	1b
make-up	22	
†making	8,234	1a
*male	60	
*malice	68	
*malicious	30	
*mamma	1,007	2a
mamma's	33	
*man	11,575	1a
*manage	360	3a
†managed	202	4a
*management	280	3b
*manager	1,562	1b
†managers	62	
†managing	37	
mandolin	17	
†manfully	16	
*manhood	27	
*manifest	53	
†manifested	15	
*manifold	20	
*mankind	173	4a

*manly	92	5b
*manner	2,028	1b
†manners	240	3b
man's	380	3a
*mansion	63	
*mantle	20	
*manual	185	4a
*manufacture	380	3a
†manufactured	145	4b
*manufacturer	204	4a
†manufacturers	406	3a
†manufacturing	380	3a
*manure	51	
*manuscript	47	
†manuscripts	17	
*many	11,774	1a
*map	267	3b
*maple	86	5b
†maps	161	4a
*mar	422	3a
Mar.	28	
*marble	72	
*March	1,722	1b
*march	99	5a
†marched	49	
†marching	19	
*mare	25	
*margin	91	5b
*marine	24	
*mark	647	2b
†marked	909	2a
*market	1,930	1b
†marketing	40	
†markets	43	
†marking	96	5a
†marks	173	4a
*marriage	344	3a
*married	2,413	1b
†marries	17	
*marry	347	3a

Marrying

125

Melancholy

†marrying	40	
*marvelous	151	4b
†mashed	24	
*mask	23	
*mason	19	
masquerade	16	
*mass	187	4a
*massacre	19	
†masses	45	
*mast	20	
*master	480	2b
*masterpiece	24	
master's	30	
†masters	80	5b
*mastery	22	
* <i>mat</i>	117	5a
*match	364	3a
†matched	26	
†matches	37	
*mate	84	5b
*material	6,396	1a
materialize	40	
†materially	175	4a
†materials	327	3a
†mates	36	
*mathematics	177	4a
matinée	22	
*matrimony	33	
*matron	35	
†mats	20	
*matter	18,899	1a
†matters	2,288	1b
*mattress	36	
*mature	129	4b
†matured	111	5a
†maturing	54	
*maturity	163	4a
*maxim	24	
*maximum	115	5a
* <i>may</i>	25,266	1a

* <i>May</i>	1,641	1b
*maybe	1,697	1b
*mayor	78	5b
* <i>me</i>	85,505	1a
*meadow	27	
*meager	19	
*meal	357	3a
†meals	150	4b
*mean	3,421	1b
†meaning	390	3a
†means	2,524	1b
*meant	799	2a
*meantime	840	2a
*meanwhile	181	4a
measles	53	
*measure	783	2a
†measured	40	
*measurement	35	
†measurements	120	5a
†measures	196	4a
†measuring	41	
*meat	258	3b
*mechanic	33	
*mechanical	113	5a
†mechanically	17	
†mechanics	40	
*medal	73	
medieval	21	
*medical	180	4a
*medicine	313	3a
mediocre	19	
†meditating	17	
*meditation	26	
*medium	233	3b
*meek	12	
*meet	5,100	1a
†meeting	5,179	1a
meetings	583	2b
†meets	562	2b
*melancholy	117	5a

Melody

126

Mine

*melody	20	
†melons	21	
*melt	37	
†melted	32	
*member	1,272	2a
†members	1,754	1b
*membership	317	3a
memo.	230	3b
memoranda	46	
memorandum	1,690	1b
memorandums	37	
*memorial	54	
†memories	141	4b
*memory	364	3a
*men	6,577	1a
*menace	32	
*mend	86	5b
†mended	29	
†mending	43	
men's	209	4a
*mental	195	4a
mentality	14	
†mentally	49	
*mention	1,823	1b
†mentioned	1,966	1b
†mentioning	68	
†mentions	35	
menu	23	
mercantile	60	
*merchandise	2,393	1b
*merchant	124	4b
†merchants	182	4a
*mercurey	22	
*mercy	89	5b
*mere	477	2b
†merely	1,095	2a
*merit	281	3b
†merits	172	4a
*merry	207	4a
*mess	64	

*message	636	2b
†messages	127	4b
*messenger	74	
Messrs.	35	
*met	2,390	1b
*metal	397	3a
*meter	35	
*method	869	2a
*Methodist	21	
†methods	436	3a
mfg.	62	
*mice	42	
microscope	16	
*mid	298	3b
*middle	996	2a
*middy	28	
*midnight	190	4a
*midst	212	4a
*midsummer	19	
*might	8,602	1a
*mighty	1,117	2a
*mild	127	4b
†mildly	18	
*mile	550	2b
mileage	65	
†miles	1,587	1b
*military	348	3a
*milk	748	2a
†milking	22	
*mill	621	2b
*millinery	13	
*million	378	3a
*millionaire	15	
†millions	120	5a
†mills	213	3b
mimeograph	17	
*mind	5,572	1a
†minded	56	
†minds	288	3b
*mine	2,597	1b

Miner

127

Monotony

*miner	31	
†miners	31	
†mines	72	
*miniature	22	
*minimum	302	3b
†mining	62	
*minister	250	3b
†ministers	97	5a
*ministry	32	
*minor	99	5a
*minority	42	
*minstrel	20	
*mint	14	
*minus	31	
*minute	1,297	2a
†minutes	1,485	1b
*miracle	36	
*mirror	53	
*mirth	23	
misapprehension	14	
*miscellaneous	82	5b
*mischief	108	5a
*miserable	353	3a
*misery	77	5b
*misfortune	65	
*mishap	23	
mislaid	97	5a
†misplaced	53	
misrepresentation	18	
*miss	1,611	1b
*Miss	1,826	1b
†missed	774	2a
†misses	61	
†missing	247	3b
*mission	118	5a
†missionaries	22	
*missionary	233	3b
missive	26	
*mist	24	
*mistake	1,334	2a

†mistaken	259	3b
†mistakes	192	4a
*mistress	57	
*misty	21	
*misunderstand	33	
†misunderstanding	388	3a
misunderstood	75	5b
*mite	17	
*mitten	20	
*mix	187	4a
†mixed	312	3a
*mixer	22	
*mixture	73	
*mob	130	4b
*mock	25	
*mode	55	
*model	526	2b
†models	50	
*moderate	108	5a
*modern	575	2b
†modes	18	
*modest	100	5a
*modesty	53	
modification	28	
†modified	31	
*modify	22	
*moisture	49	
*mold	19	
*moment	1,700	1b
*momentary	18	
moment's	39	
†moments	179	4a
*Monday	4,041	1a
*money	8,383	1a
†moneys	15	
*monkey	39	
monogram	22	
monopoly	26	
*monotonous	36	
monotony	27	

Monster

128

Multitude

*monster	21	
*monstrous	36	
*month	8,148	1a
*monthly	673	2b
month's	79	5b
†months	3,531	1a
*monument	91	5b
*mood	237	3b
*moon	477	2b
*moonlight	132	4b
†moons	19	
*moonshine	21	
*mop	53	
†mopped	21	
*moral	302	3b
*morality	31	
†morally	36	
†morals	57	
morbid	35	
*more	21,097	1a
*moreover	170	4a
*morning	10,560	1a
morning's	23	
†mornings	77	5b
morose	20	
*mortal	82	5b
*mortgage	730	2a
†mortgaged	27	
†mortgages	39	
†mortified	16	
*mosquito	25	
†mosquitoes	28	
*moss	24	
*most	9,516	1a
†mostly	373	3a
*moth	19	
*mother	9,983	1a
mother-in-law	41	
†motherly	23	
mother's	280	3b

†mothers	96	5a
*motion	813	2a
†motions	21	
*motive	107	5a
†motives	90	5b
*motor	632	2b
*motoreycle	24	
†motored	14	
†motoring	58	
†motors	54	
*motto	57	
*mount	35	
*mountain	273	3b
†mountains	557	2b
†mounted	47	
†mounting	26	
*mourn	33	
†mourning	55	
*mouse	63	
*mouth	341	3a
*movable	29	
*move	1,315	2a
†moved	1,000	2a
*movement	524	2b
†movements	55	
†moves	57	
movie	122	4b
movies	228	3b
†moving	776	2a
*Mr.	15,512	1a
*Mrs.	4,689	1a
*much	43,704	1a
*mud	470	2b
muddle	15	
*muddy	74	
*mule	30	
†mules	27	
†multiplied	19	
*multiply	24	
*multitude	58	

Mumps

129

Needn't

mumps	67	
*municipal	30	
*murder	61	
†murdered	35	
†murderers	24	
*murmur	14	
†muscles	17	
*museum	41	
*music	1,761	1b
*musical	190	4a
*musician	32	
†musicians	17	
*muslin	48	
*must	20,002	1a
mustache	24	
*mustard	41	
*muster	16	
mustn't	77	5b
musty	31	
*mutton	24	
*mutual	375	3a
†mutually	57	
*my	76,257	1a
*myself	5,470	1a
*mysterious	105	5a
*mystery	157	4b
*nail	79	5b
†nails	32	
*naked	33	
*name	7,285	1a
†named	626	2b
*nameless	33	
*namely	360	3a
†names	1,039	2a
namesake	27	
†naming	151	4b
*nap	470	2b
*narrative	42	
*narrow	189	4a

nasty	54	
*nation	330	3a
*national	1,514	1b
*nationality	29	
†nationally	22	
nation's	26	
†nations	130	4b
*native	151	4b
†natives	48	
*natural	918	2a
†naturally	876	2a
*nature	1,486	1b
*naught	20	
*naughty	71	
*naval	61	
*navy	341	3a
*near	4,236	1a
*nearby	38	
†nearer	208	4a
†nearest	240	3b
†nearing	32	
†nearly	2,843	1b
*neat	123	4b
†neatly	17	
†necessarily	217	3b
*necessary	7,411	1a
necessitate	47	
†necessities	28	
*necessity	791	2a
*neck	344	3a
*necklace	19	
†necks	25	
*necktie	30	
*need	6,830	1a
†needed	1,120	2a
*needful	30	
†needing	88	5b
*needle	50	
*needless	220	3b
needn't	29	

Needs

130

Noon

†needs	932	2a
*needy	36	
*negative	91	5b
†negatives	22	
*neglect	444	2b
†neglected	447	2b
neglectful	45	
†neglecting	37	
negligee	14	
*negligence	59	
*negligent	31	
*negotiate	33	
†negotiating	30	
negotiations	85	5b
*negro	55	
†negroes	56	
*neighbor	299	3b
*neighborhood	308	3a
†neighboring	50	
†neighbors	202	4a
*neither	1,352	2a
*nephew	71	
*nerve	208	4a
†nerves	199	4a
*nervous	452	2b
*nervousness	22	
*nest	55	
*net	1,191	2a
†nets	32	
neuralgia	17	
*neutral	52	
*never	11,772	1a
*nevertheless	518	2b
*new	17,982	1a
†newer	38	
†newly	58	
*news	2,646	1b
*newspaper	655	2b
†newspapers	268	3b
newsy	28	

*next	14,519	1a
*nice	5,736	1a
†nicely	745	2a
†nicer	102	5a
†nicest	132	4b
*nickel	78	5b
*nickname	16	
*niece	229	3b
*nigh	19	
*night	13,228	1a
*nightgown	19	
*nightingale	17	
*nightly	36	
*nightmare	31	
night's	34	
†nights	462	2b
*nine	1,211	2a
*nineteen	193	4a
*nineteenth	39	
*ninety	126	4b
ninth	96	5a
*no	29,099	1a
*No.	6,625	1a
*nobility	20	
*noble	310	3a
*nobly	55	
*nobody	817	2a
*nod	40	
*noise	246	3b
*noisy	73	
nominal	42	
*nominate	33	
†nominated	65	
*nomination	50	
†nominations	41	
*none	1,344	2a
nonpayment	36	
nonresident	14	
*nonsense	138	4b
*noon	1,061	2a

Nor

131

Observe

* <i>nor</i>	956	2a	nuisance	74	
* <i>normal</i>	770	2a	* <i>numb</i>	22	
* <i>north</i>	948	2a	* <i>number</i>	10,523	1a
* <i>northeast</i>	17		† <i>numbered</i>	188	4a
* <i>northern</i>	288	3b	† <i>numbering</i>	27	
* <i>northwest</i>	82	5b	† <i>numbers</i>	1,138	2a
* <i>northwestern</i>	121	4b	* <i>numerous</i>	365	3a
<i>nos.</i>	101	5a	* <i>nurse</i>	424	3a
* <i>nose</i>	220	3b	* <i>nursery</i>	68	
† <i>noses</i>	20		† <i>nurses</i>	72	
* <i>not</i>	130,621	1a	† <i>nursing</i>	49	
* <i>notable</i>	38		* <i>nut</i>	314	3a
<i>notary</i>	40		† <i>nuts</i>	58	
<i>notation</i>	781	2a			
<i>notations</i>	32		* <i>oak</i>	13	
* <i>note</i>	12,193	1a	* <i>oath</i>	29	
† <i>noted</i>	982	2a	* <i>oatmeal</i>	15	
† <i>notes</i>	1,400	1b	† <i>oats</i>	166	4a
* <i>nothing</i>	7,770	1a	* <i>obedience</i>	44	
* <i>notice</i>	3,343	1b	* <i>obedient</i>	103	5a
* <i>noticeable</i>	16		* <i>obey</i>	79	5b
† <i>noticed</i>	460	2b	† <i>obeyed</i>	20	
† <i>notices</i>	143	4b	* <i>object</i>	879	2a
<i>notification</i>	24		† <i>objected</i>	39	
† <i>notified</i>	222	3b	* <i>objection</i>	416	3a
* <i>notify</i>	815	2a	<i>objectionable</i>	33	
† <i>notifying</i>	58		† <i>objections</i>	154	4b
† <i>noting</i>	42		<i>objective</i>	25	
* <i>notion</i>	275	3b	† <i>objects</i>	100	5a
† <i>notions</i>	66		<i>obligate</i>	14	
* <i>notorious</i>	16		* <i>obligation</i>	230	3b
* <i>notwithstanding</i>	63		† <i>obligations</i>	230	3b
* <i>Nov.</i>	261	3b	* <i>oblige</i>	2,315	1b
* <i>novel</i>	145	4b	† <i>obliged</i>	1,548	1b
† <i>novels</i>	30		† <i>obliging</i>	45	
* <i>novelty</i>	68		* <i>obscure</i>	51	
* <i>November</i>	3,298	1b	* <i>observance</i>	15	
* <i>now</i>	39,509	1a	* <i>observation</i>	158	4a
* <i>nowadays</i>	72		† <i>observations</i>	35	
* <i>nowhere</i>	62		* <i>observe</i>	338	3a

Observed

132

Onions

†observed	154	4b
†observing	34	
*obstacle	19	
*obstinate	15	
*obtain	1,268	2a
*obtainable	40	
†obtained	619	2b
†obtaining	249	3b
*obvious	77	5b
†obviously	20	
*occasion	1,289	2a
*occasional	220	3b
†occasionally	348	3a
†occasioned	56	
†occasions	268	3b
*occupant	13	
*occupation	80	5b
†occupations	17	
†occupied	218	3b
†occupies	25	
*occupy	122	4b
†occupying	34	
*occur	272	3b
†occurred	478	2b
occurrence	30	
†occurring	18	
†occurs	250	3b
*ocean	206	4a
†oceans	49	
*o'clock	1,849	1b
*Oct.	312	3a
*October	2,334	1b
*odd	251	3b
†odds	45	
*odor	29	
*of	332,710	1a
*off	9,688	1a
*offend	68	
†offended	81	5b
*offense	102	5a

*offensive	28	
*offer	3,823	1a
†offered	1,347	2a
†offering	533	2b
†offers	225	3b
*office	9,664	1a
*officer	416	3a
†officers	828	2a
†offices	387	3a
*official	597	2b
†officially	36	
†officials	193	4a
offset	111	5a
*offspring	16	
*often	2,872	1b
†oftener	102	5a
*oh	2,761	1b
*oil	1,082	2a
O. K.	366	3a
O. K'd	26	
*old	12,529	1a
†older	695	2b
†oldest	109	5a
old-fashioned	25	
*olive	31	
†olives	43	
omission	84	5b
*omit	165	4a
†omitted	471	2b
†omitting	22	
*on	100,396	1a
*once	9,463	1a
*one	66,588	1a
one-fourth	23	
one-half	336	3a
one's	410	3a
†ones	873	2a
one-third	26	
*onion	16	
†onions	29	

Only

133

Otherwise

*only	19,521	1a	†oranges	67	
onto	42		*oration	28	
*onward	16		*orator	20	
oodles	28		oratorical	26	
*open	4,408	1a	*oratory	25	
†opened	783	2a	*orchard	84	5b
†opening	1,397	1b	*orchestra	295	3b
openings	105	5a	*ordeal	29	
†openly	82	5b	*order	40,255	1a
†opens	145	4b	†ordered	3,952	1a
*opera	176	4a	†ordering	580	2b
†operas	17		†orderly	78	5b
*operate	325	3a	†orders	3,967	1a
†operated	254	3b	*ordinance	55	
†operates	33		†ordinarily	195	4a
†operating	337	3a	*ordinary	755	2a
*operation	689	2b	*organ	155	4b
†operations	140	4b	organic	18	
operator	46		organdie	53	
operators	46		*organist	19	
operetta	71		*organization	907	2a
*opinion	2,352	1b	†organizations	181	4a
†opinions	233	3b	*organize	130	4b
*opponent	13		†organized	237	3b
*opportune	41		†organizing	23	
†opportunities	341	3a	†organs	28	
*opportunity	4,455	1a	*oriental (O)	17	
*oppose	46		*origin	44	
†opposed	123	4b	*original	2,655	1b
†opposing	24		†originally	528	2b
*opposite	254	3b	†originals	31	
*opposition	154	4b	†originated	19	
†oppressed	24		†originating	33	
*oppression	47		*ornament	24	
optimist	23		ornamental	26	
optimistic	32		†ornaments	22	
option	44		*orphan	22	
*or	49,578	1a	*other	20,766	1a
*oral	38		†others	2,458	1b
*orange	307	3a	*otherwise	1,535	1b

Ought

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Pads

*ought	2,718	1b	†overjoyed	21	
*ounce	38		*overlook	137	4b
*our	71,355	1a	†overlooked	508	2b
*ours	706	2b	†overlooking	45	
*ourselves	1,500	1b	overpayment	27	
*out	42,542	1a	*oversight	344	3a
outcome	82	5b	*overtake	20	
*outdoor	21		*overthrow	20	
*outdoors	49		overtime	15	
*outer	27		†overwhelmed	51	
*outfit	517	2b	†overwhelming	23	
†outfits	76	5b	overwork	15	
†outgoing	21		*owe	1,098	2a
*outing	40		†owed	108	5a
*outlet	27		†owes	92	5b
*outline	335	3a	†owing	926	2a
†outlined	405	3a	*owl	66	
†outlines	53		*own	9,325	1a
†outlining	36		†owned	216	3b
*outlook	66		*owner	406	3a
output	36		†owners	99	5a
*outrage	15		*ownership	137	4b
*outright	19		†owning	44	
outset	14		†owns	83	5b
*outside	1,349	2a	†oxfords	73	
outsiders	19		*oyster	34	
outstanding	320	3a	†oysters	30	
*outward	21		*oz.	19	
*oven	214	3b			
*over	25,648	1a	*pa	2,892	1b
*overalls	46		*pace	61	
*overboard	20		*pack	261	3b
overcharge	244	3b	*package	1,467	1b
*overcoat	62		†packages	330	3a
*overcome	124	4b	†packed	270	3b
overdo	14		*packet	20	
overdue	333	3a	†packing	217	3b
*overflow	14		*pad	40	
*overgrown	20		*paddle	40	
*overhead	41		†pads	81	5b

Page

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Parties

*page	2,141	1b
*pageant	59	
†pages	728	2a
*paid	4,536	1a
*pail	65	
*pain	496	2b
†pained	24	
*painful	137	4b
†painfully	22	
†pains	133	4b
*paint	507	2b
†painted	257	3b
*painter	85	5b
†painters	20	
†painting	209	4a
paintings	31	
†paints	19	
*pair	792	2a
†pairs	82	5b
*pajamas	25	
*pal	314	3a
*palace	135	4b
†palaces	27	
*pale	71	
*palm	21	
†palms	24	
*palpable	24	
†pals	26	
*pamphlet	275	3b
†pamphlets	128	4b
*pan	298	3b
*panel	72	
†panels	29	
*pang	18	
*panic	32	
*pant	15	
*pantry	32	
†pants	39	
*papa	767	2a
papa's	20	

*paper	6,392	1a
†papered	28	
†papering	37	
†papers	2,590	1b
*parade	106	5a
*paradise	56	
*paragraph	437	3a
†paragraphs	35	
*parallel	27	
paralyzed	33	
paramount	22	
*parasol	14	
*parcel	712	2b
parcel post	686	2b
*pardon	685	2b
*parent	57	
†parents	255	3b
*parish	22	
*park	549	2b
†parked	40	
†parks	33	
*parliament	62	
*parlor	168	4a
†parlors	25	
parody	15	
*parrot	39	
*parson	20	
parsonage	25	
*part	9,239	1a
*partake	33	
†parted	125	4b
*partial	240	3b
†partially	51	
*participate	46	
participation	20	
*particle	24	
*particular	2,806	1b
†particularly	1,531	1b
†particulars	173	4a
†parties	702	2b

Parting

136

Pending

†parting	74		*patron	75	5b
partisan	31		patronage	292	3b
*partition	24		patronize	13	
†partitions	31		†patrons	109	5a
*partly	295	3b	*pattern	487	2b
*partner	110	5a	†patterns	158	4a
†partners	46		*pause	75	5b
partnership	22		*pave	11	
†parts	1,630	1b	†paved	31	
*party	3,499	1a	*pavement	43	
*pass	1,249	2a	†pavements	16	
*passage	128	4b	†paving	47	
†passages	66		*pay	9,059	1a
†passed	1,476	1b	*payable	662	2b
*passenger	84	5b	†paying	885	2a
†passengers	63		*payment	5,718	1a
†passes	157	4b	†payments	619	2b
†passing	477	2b	payroll	46	
*passion	138	4b	†pays	208	4a
*passionate	40		*pea	27	
†passions	40		*peace	766	2a
*passive	44		*peaceful	60	
*past	6,470	1a	*peach	227	3b
*paste	46		†peaches	89	5b
†pasted	21		*peanut	17	
*pastime	67		†peanuts	21	
*pastor	82	5b	*pear	19	
*pasture	89	5b	*pearl	23	
†pastures	25		†pearls	17	
*patch	73		†peas	80	5b
*patent	241	3b	*peculiar	201	4a
*path	100	5a	†peculiarly	15	
*pathetic	101	5a	*peep	26	
†paths	44		†peered	23	
*patience	312	3a	peevd	92	5b
*patient	311	3a	*peg	27	
†patiently	42		*pen	1,191	2a
†patients	55		*penalty	46	
*patriotic	41		*pencil	375	3a
patriotism	33		*pending	159	4a

Penetrate

137

Physics

*penetrate	19	
penmanship	51	
†pennies	19	
*penny	125	4b
†pens	21	
*pension	31	
*people	10,454	1a
†peopled	49	
people's	71	
†peoples	36	
*pepper	36	
*per	913	2a
*perceive	103	5a
*per cent	554	2b
*percentage	186	4a
*perch	15	
*perfect	1,239	2a
†perfected	15	
*perfection	102	5a
†perfectly	1,311	2a
*perform	85	5b
*performance	124	4b
†performances	19	
†performed	106	5a
†performing	20	
*perfume	27	
*perhaps	4,297	1a
*peril	71	
*period	1,406	1b
*periodical	28	
†periods	86	5b
*permanent	463	2b
†permanently	87	5b
*permission	442	3a
*permit	929	2a
†permits	79	5b
†permitted	178	4a
†permitting	29	
*perpetual	86	5b
†perpetually	46	

†perplexing	18	
*perseverance	25	
*persist	51	
persistent	40	
*person	1,968	1b
*personal	2,949	1b
*personality	149	4b
†personally	969	2a
personnel	37	
†persons	719	2a
*persuade	173	4a
†persuaded	192	4a
*persuasion	13	
†pertaining	148	4b
perusal	21	
*pest	23	
*pet	66	
*petition	190	4a
*petroleum	29	
*petticoat	32	
*petty	49	
*phase	102	5a
†phases	26	
*philosopher	65	
*philosophical	30	
*philosophy	211	4a
*phone	738	2a
†phoned	121	4b
phonograph	18	
*photo	96	5a
*photograph	263	3b
†photographs	87	5b
†photos	27	
*phrase	107	5a
†phrases	27	
*physical	333	3a
†physically	61	
*physician	90	5b
†physicians	51	
*physics	50	

Physiology

138

Playing

physiology	20	
pianist	14	
*piano	520	2b
*pick	476	2b
†picked	263	3b
†picking	97	5a
*pickle	33	
†pickles	23	
*picnic	387	3a
†picnics	29	
*picture	3,172	1b
†pictures	1,347	2a
*picturesque	75	5b
* <i>pie</i>	987	2a
*piece	1,459	1b
†pieces	591	2b
*pier	19	
†pies	18	
* <i>pig</i>	470	2b
†pigeons	18	
†pigs	59	
*pile	168	4a
†piled	48	
†piles	18	
*pill	18	
*pillow	142	4b
†pillows	25	
*pilot	18	
* <i>pin</i>	581	2b
*pinch	15	
*pine	134	4b
†pines	25	
*pink	254	3b
†pins	105	5a
*pint	18	
*pioneer	21	
*pious	38	
*pipe	472	2b
†pipes	58	
* <i>pit</i>	13	

*pitch	59	
†pitched	25	
*pitcher	26	
†pitied	28	
*pitiful	56	
*pity	219	3b
*place	10,242	1a
†placed	2,990	1b
†places	1,486	1b
†placing	634	2b
*plague	24	
*plaid	13	
*plain	1,074	2a
†plainly	202	4a
†plains	24	
*plan	3,215	1b
*plane	98	5a
*planet	31	
†planned	684	2b
†planning	1,473	1b
†plans	1,725	1b
*plant	1,547	1b
*plantation	17	
†planted	186	4a
*planter	16	
†planting	122	4b
†plants	348	3a
*plaster	47	
*plate	568	2b
†plates	394	3a
*platform	194	4a
*platinum	17	
plausible	15	
*play	3,559	1a
†played	1,009	2a
*player	60	
†players	86	5b
*playful	18	
*playground	19	
†playing	866	2a

Plays

139

Pop Corn

†plays	343	3a
*plea	61	
*plead	60	
†pleading	30	
*pleasant	1,807	1b
†pleasantly	46	
*please	27,303	1a
†pleased	7,858	1a
†pleases	201	4a
†pleasing	307	3a
*pleasure	6,488	1a
†pleasures	76	5b
pleated	28	
*pledge	166	4a
†pledged	94	5a
†pledges	90	5b
*plentiful	42	
*plenty	1,005	2a
*plight	17	
*plot	25	
*plow	168	4a
†plowed	30	
†plowing	41	
*pluck	21	
*plug	40	
*plum	60	
†plumbing	29	
*plump	24	
†plums	16	
*plunge	40	
†plunged	37	
*plus	498	2b
P. M.	172	4a
*pneumonia	100	5a
*pocket	350	3a
*pocketbook	19	
†pockets	75	5b
*poem	514	2b
†poems	346	3a
*poet	251	3b

*poetic	27	
*poetical	59	
*poetry	401	3a
†poets	103	5a
*point	3,096	1b
†pointed	150	4b
†pointing	35	
†points	1,155	2a
*poise	23	
*poison	81	5b
†poisoned	19	
†poisoning	21	
*poke	14	
poker	21	
*pole	163	4a
†poles	38	
*police	71	
*policeman	28	
†policies	192	4a
*policy	2,292	1b
*polish	20	
†polished	41	
*polite	115	5a
†politely	20	
*politeness	17	
*political	370	3a
†politically	33	
*politician	25	
†politicians	56	
*politics	293	3b
*pond	29	
*ponder	23	
*pongee	42	
*pony	38	
*pool	104	5a
*poor	2,672	1b
†poorer	20	
†poorly	54	
*pop	27	
pop corn	31	

Popular

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Preacher

*popular	709	2b	*post office	223	3b
*popularity	22		*postpone	106	5a
*population	223	3b	†postponed	100	5a
*porch	361	3a	†posts	64	
*pork	34		*postscript	47	
*port	82	5b	*posture	20	
*portable	28		*pot	13	
*porter	34		*potato	73	
portfolio	31		†potatoes	215	3b
portico	29		*poultry	261	3b
*portion	800	2a	*pound	583	2b
†portions	26		†pounds	663	2b
*portrait	35		*pour	46	
†ports	38		†poured	60	
*pose	20		†pouring	43	
*position	5,086	1a	*poverty	79	5b
†positions	220	3b	*powder	139	4b
*positive	345	3a	*power	1,713	1b
†positively	225	3b	*powerful	170	4a
*possess	176	4a	†powers	161	4a
†possessed	57		practicable	36	
†possesses	52		*practical	644	2b
*possession	648	2b	†practically	1,135	2a
†possessions	14		*practice	1,606	1b
*possessor	14		†practiced	49	
†possibilities	120	5a	†practices	43	
*possibility	808	2a	†practicing	170	4a
*possible	11,661	1a	*prairie	20	
†possibly	2,359	1b	*praise	220	3b
*post	1,642	1b	†praised	40	
*postage	767	2a	†praises	17	
*postal	361	3a	†pranks	15	
*postcard	52		*pray	498	2b
†posted	201	4a	†prayed	20	
poster	23		*prayer	347	3a
*posterity	17		†prayers	82	5b
posters	40		†praying	35	
†posting	16		*preach	139	4b
postmarked	14		†preached	68	
*postmaster	95	5a	*preacher	173	4a

Preaching

141

Prevents

†preaching	72	
precarious	28	
*precaution	20	
*precedent	57	
†preceding	58	
*precious	240	3b
*precise	41	
†precisely	121	4b
*predict	38	
preface	35	
*prefer	1,146	2a
preferable	22	
preferably	25	
*preference	154	4b
†preferred	257	3b
†prefers	37	
*prejudice	87	5b
†prejudiced	20	
†prejudices	68	
*preliminary	151	4b
*premature	15	
premises	49	
*premium	640	2b
*prepaid	539	2b
*preparation	352	3a
†preparations	43	
*preparatory	36	
*prepare	731	2a
†prepared	1,103	2a
†preparing	346	3a
prepay	26	
Pres.	93	5b
*prescribe	22	
†prescribed	33	
*prescription	21	
*presence	387	3a
*present	12,572	1a
presentable	17	
*presentation	88	5b
†presented	700	2b

†presenting	128	4b
*presently	111	5a
†presents	244	3b
*preservation	18	
*preserve	122	4b
†preserved	58	
*preside	12	
*presidency	36	
*president	2,874	1b
*presidential	20	
president's	93	5b
†presidents	32	
†presiding	25	
*press	450	2b
†pressed	57	
†presses	20	
†pressing	53	
*pressure	226	3b
prestige	21	
presumably	18	
*presume	925	2a
†presumed	35	
*pretend	138	4b
†pretended	85	5b
†pretending	25	
†pretends	20	
*pretense	44	
†prettier	26	
†prettiest	105	5a
†prettily	28	
*pretty	6,896	1a
*prevail	96	5a
†prevailed	27	
†prevailing	104	5a
prevalent	37	
*prevent	660	2b
†prevented	119	5a
†preventing	17	
prevention	27	
†prevents	41	

Previous

142

Profitably

*previous	1,021	2a	†probably	5,221	1a
†previously	393	3a	probate	31	
*prey	20		probation	33	
*price	13,012	1a	*problem	714	2a
†priced	317	3a	†problems	782	2a
priceless	37		procedure	109	5a
†prices	5,264	1a	*proceed	535	2b
†pricing	25		†proceeded	76	5b
*pride	331	3a	†proceeding	94	5a
*priest	26		proceedings	172	4a
†primarily	81	5b	†proceeds	190	4a
*primary	231	3b	*process	211	4a
*prime	64		†processes	27	
*primer	19		*procession	104	5a
*prince	85	5b	*procure	219	3b
*principal	873	2a	†procured	170	4a
†principally	54		†procuring	22	
†principals	36		*prodigious	62	
principalship	38		*produce	361	3a
*principle	307	3a	†produced	243	3b
†principles	269	3b	producers	31	
*print	863	2a	†produces	81	5b
†printed	952	2a	†producing	134	4b
*printer	51		*product	380	3a
†printers	68		*production	386	3a
†printing	337	3a	†productions	20	
†prints	94	5a	productive	61	
*prior	425	3a	†products	266	3b
*prison	36		*Prof. (p)	144	4b
*prisoner	19		*profane	13	
†prisoners	41		*profess	20	
*private	782	2a	†professed	53	
†privately	29		*profession	185	4a
*privilege	552	2b	*professional	156	4b
†privileged	69		†professions	25	
†privileges	42		*professor	372	3a
*prize	331	3a	†professors	68	
†prizes	59		*profit	649	2b
*probability	177	4a	*profitable	309	3a
*probable	373	3a	†profitably	46	

Profits

143

Provoking

†profits	112	5a
*profound	89	5b
†profoundly	28	
*program	1,630	1b
†programs	120	5a
*progress	489	2b
†progressing	91	5b
*progressive	131	4b
*prohibit	20	
*prohibition	71	
*project	171	4a
†projects	32	
†prolonged	16	
*prominent	145	4b
*promise	1,258	2a
†promised	1,125	2a
†promises	220	3b
†promising	118	5a
*promote	68	
†promoted	25	
*promotion	86	5b
*prompt	4,275	1a
†prompted	38	
†promptly	3,764	1a
promptness	137	4b
*pronounce	65	
†pronounced	46	
*pronunciation	14	
*proof	765	2a
†proofs	117	5a
propaganda	56	
*proper	2,760	1b
†properly	1,347	2a
†properties	30	
*property	1,523	1b
*prophecy	20	
*prophet	25	
*proportion	245	3b
†proportions	21	
*proposal	114	5a

†proposals	38	
*propose	147	4b
†proposed	711	2b
†proposes	41	
*proposition	1,761	1b
†propositions	45	
*proprietor	36	
*propriety	30	
*prose	76	5b
*prosecution	21	
*prospect	443	2b
*prospective	116	5a
†prospects	445	2b
*prosper	15	
*prosperity	67	
*prosperous	122	4b
prostration	14	
*protect	175	4a
†protected	85	5b
†protecting	23	
*protection	317	3a
*protest	151	4b
†protested	33	
*proud	856	2a
*prove	1,038	2a
†proved	411	3a
†proven	141	4b
†proves	75	5b
*provide	482	2b
†provided	696	2b
*providence	69	
†provides	161	4a
†providing	393	3a
provincial	20	
†proving	73	
*provision	191	4a
†provisions	91	5b
*provocation	23	
†provoked	37	
†provoking	14	

Prudent

144

Quarantined

*prudent	23	
*prune	22	
P. S.	78	5b
psychological	34	
psychology	191	4a
*public	2,678	1b
*publication	511	2b
†publications	139	4b
publicity	154	4b
†publicly	26	
*publish	308	3a
†published	830	2a
*publisher	84	5b
†publishers	167	4a
†publishing	116	5a
*pudding	39	
*puff	19	
†puffed	25	
*pull	387	3a
†pulled	229	3b
*pulley	58	
†pulleys	38	
†pulling	100	5a
Pullman	28	
*pulpit	21	
*pulse	17	
*pump	223	3b
*pumpkin	11	
†pumps	43	
*punch	52	
†punched	22	
*punish	50	
†punished	37	
*punishment	90	5b
punk	53	
*pupil	252	3b
†pupils	418	3a
*puppy	25	
*purchase	2,252	1b
†purchased	1,400	1b

*purchaser	83	5b
†purchases	345	3a
†purchasing	427	3a
*pure	311	3a
†purely	102	5a
†purser	25	
†purest	16	
*purity	15	
*purple	139	4b
*purpose	2,194	1b
†purposely	42	
†purposes	535	2b
*purse	31	
pursuant	25	
*pursue	66	
†pursued	42	
†pursuing	28	
*pursuit	71	
*push	180	4a
†pushed	66	
†pushing	70	
*put	11,726	1a
†puts	157	4b
putter	18	
†putting	1,324	2a
*puzzle	72	
†puzzled	54	
†puzzling	16	
*quaint	65	
*qualification	31	
†qualifications	60	
†qualified	125	4b
*qualify	53	
†qualities	468	2b
*quality	1,200	2a
†quantities	246	3b
*quantity	931	2a
quarantine	21	
quarantined	27	

Quarrel

145

Ranks

*quarrel	129	4b	*rack	33	
*quart	74		*racket	52	
*quarter	743	2a	*radiator	75	5b
†quarterly	50		*radical	47	
†quarters	150	4b	†radicals	24	
quartet	50		*radio	317	3a
*queen	114	5a	†radishes	19	
*queer	374	3a	radium	14	
*query	24		*rag	219	3b
*quest	26		*rage	56	
*question	5,144	1a	*ragged	28	
questionable	23		†rags	16	
†questioned	52		*raid	46	
questionnaire	80	5b	*rail	175	4a
†questions	1,519	1b	*railroad	1,048	2a
quibble	73		†railroads	205	4a
*quick	473	2b	†rails	44	
†quicker	29		*railway	504	2b
†quickly	629	2b	*rain	1,462	1b
*quiet	1,060	2a	†rained	342	3a
†quietly	157	4b	†raining	406	3a
*quilt	99	5a	†rains	107	5a
*quire	19		*rainy	176	4a
*quit	661	2b	*raise	1,059	2a
*quite	8,896	1a	†raised	258	3b
†quits	23		†raises	29	
†quitting	15		*raisin	11	
quiz	58		†raising	106	5a
quota	37		*rake	25	
*quotation	670	2b	*rally	53	
†quotations	374	3a	*ramble	20	
*quote	1,706	1b	ramblers	23	
†quoted	688	2b	†rambling	35	
†quoting	509	2b	*ran	298	3b
			*ranch	193	4a
*rabbit	30		*rang	50	
†rabbits	43		*range	437	3a
*race	275	3b	†ranging	21	
†races	60		*rank	172	4a
†racing	42		†ranks	54	

Rapid

146

Recognize

*rapid	134	4b	†realized	255	3b
†rapidly	348	3a	†realizes	31	
*rare	124	4b	†realizing	67	
†rarely	85	5b	*really	6,280	1a
*rash	53		*reap	14	
*rat	27		*rear	216	3b
*rate	2,823	1b	*reason	5,446	1a
†rated	41		*reasonable	789	2a
†rates	495	2b	†reasonably	198	4a
*rather	6,397	1a	†reasoning	71	
ratine	19		†reasons	564	2b
†rating	171	4a	rebate	29	
*rational	59		*rebellion	33	
†rats	18		rebuilt	19	
*rave	53		*recall	555	2b
†raved	50		†recalled	33	
†raves	18		recd.	131	4b
†raving	111	5a	*receipt	10,935	1a
*raw	597	2b	†receipted	63	
*razor	18		†receipts	325	3a
*reach	2,508	1b	*receive	10,358	1a
†reached	2,697	1b	†received	24,931	1a
†reaches	481	2b	*receiver	136	4b
†reaching	169	4a	†receives	137	4b
*reaction	60		†receiving	1,812	1b
*read	5,667	1a	*recent	3,796	1a
readable	21		†recently	2,599	1b
*reader	137	4b	*reception	318	3a
†readers	175	4a	*recess	56	
*readily	464	2b	*recipe	27	
*readiness	33		recipient	19	
†reading	2,481	1b	reciprocate	60	
readings	21		*recital	107	5a
readjustment	19		recitation	68	
†reads	221	3b	*recite	33	
*ready	3,889	1a	*reckless	37	
*real	4,624	1a	*reckon	117	5a
*reality	99	5a	†reckoned	28	
realization	64		*recognition	92	5b
*realize	1,648	1b	*recognize	282	3b

Recognized

147

Region

†recognized	209	4a
†recognizing	24	
*recollect	112	5a
*recollection	82	5b
†recollections	26	
*recommend	1,048	2a
*recommendation	519	2b
†recommendations	155	4b
†recommended	307	3a
†recommending	178	4a
†recommends	32	
*reconcile	36	
†reconciled	24	
reconsider	34	
reconstruction	48	
*record	2,454	1b
†recorded	93	5b
†recording	49	
†records	3,689	1a
recourse	16	
*recover	170	4a
†recovered	289	3b
†recovering	62	
*recovery	70	
*recreation	52	
recuperate	16	
*red	2,911	1b
*redeem	19	
*redemption	23	
*reduce	330	3a
†reduced	393	3a
†reduces	27	
†reducing	144	4b
*reduction	297	3b
*reed	14	
*reel	34	
†reëlected	42	
*reëlection	15	
reënforced	18	
*reënter	13	

*refer	2,334	1b
referee	34	
*reference	5,246	1a
†references	149	4b
†referred	1,978	1b
†referring	906	2a
†refers	130	4b
†refined	74	
*refinement	27	
*reflect	90	5b
†reflected	24	
*reflection	117	5a
†reflections	43	
†reflects	16	
*reform	91	5b
†reformed	28	
*refrain	76	5b
†refrained	20	
*refresh	17	
†refreshing	26	
*refreshment	21	
†refreshments	82	5b
*refrigerator	156	4b
*refuge	45	
*refund	538	2b
†refunded	58	
†refunding	41	
*refusal	36	
*refuse	313	3a
†refused	541	2b
†refuses	65	
†refusing	48	
*regain	21	
*regard	6,652	1a
†regarded	186	4a
*regarding	7,662	1a
*regardless	239	3b
†regards	2,152	1b
*regiment	44	
*region	53	

Regions

148

Remittances

†regions	25		†releasing	27	
*register	446	2b	*reliability	22	
†registered	217	3b	*reliable	254	3b
†registering	23		*reliance	20	
†registers	25		*relief	304	3a
registrar	56		*relieve	191	4a
*registration	122	4b	†relieved	160	4a
*regret	4,009	1a	†relieves	21	
†regrets	54		†relieving	15	
†regretted	81	5b	*religion	207	4a
†regretting	423	3a	*religious	230	3b
*regular	2,929	1b	*relish	30	
†regularly	305	3a	*reluctant	16	
*regulate	19		*rely	73	
†regulated	16		*remain	5,627	1a
*regulation	104	5a	*remainder	248	3b
†regulations	105	5a	†remained	153	4b
rehearsal	25		†remaining	434	3a
*reign	15		†remains	359	3a
reimburse	65		*remark	265	3b
reinstate	26		*remarkable	246	3b
reinstated	22		†remarkably	30	
*reject	22		†remarked	105	5a
†rejected	66		†remarks	288	3b
rejection	21		†remedied	15	
*rejoice	87	5b	*remedy	160	4a
†rejoicing	40		*remember	4,715	1a
*relate	50		†remembered	355	3a
†related	83	5b	†remembering	116	5a
†relates	27		†remembers	55	
†relating	122	4b	*remembrance	117	5a
*relation	591	2b	†remembrances	66	
†relations	479	2b	*remind	301	3b
*relationship	45		†reminded	140	4b
*relative	1,916	1b	*reminder	53	
†relatively	96	5a	†reminding	23	
†relatives	51		†reminds	175	4a
*relay	16		*remit	908	2a
*release	283	3b	*remittance	4,456	1a
†released	75	5b	†remittances	122	4b

Remitted

149

Rescue

†remitted	161	4a
†remitting	79	5b
*remnant	30	
remodeling	23	
*remorse	20	
*remote	88	5b
*removal	110	5a
*remove	208	4a
†removed	328	3a
†removing	87	5b
remuneration	15	
*render	419	3a
†rendered	512	2b
†rendering	54	
†renders	19	
*renew	146	4b
*renewal	232	3b
†renewals	102	5a
†renewed	125	4b
†renewing	26	
*rent	582	2b
rental	84	5b
†rented	117	5a
*renter	14	
†renting	38	
†rents	24	
reorganization	17	
*repaid	30	
*repair	540	2b
†repaired	245	3b
†repairing	91	5b
†repairs	523	2b
*repay	54	
*repeat	243	3b
†repeated	145	4b
repeatedly	60	
†repeating	36	
*repetition	36	
*replace	458	2b
†replaced	185	4a

replacement	76	5b
†replacing	56	
†replied	428	3a
†replies	92	5b
*reply	8,745	1a
†replying	3,970	1a
*report	5,408	1a
†reported	732	2a
reporter	83	5b
†reporting	339	3a
†reports	1,377	1b
*repose	35	
*represent	393	3a
*representation	91	5b
*representative	1,351	2a
†representatives	367	3a
†represented	214	3b
†representing	199	4a
†represents	326	3a
reprint	23	
*reproach	35	
reproduce	15	
*republic	111	5a
*republican	139	4b
†republicans	49	
*reputation	284	3b
*request	5,150	1a
†requested	2,741	1b
†requesting	651	2b
†requests	226	3b
*require	1,212	2a
†required	1,490	1b
*requirement	140	4b
†requirements	1,415	1b
†requires	213	3b
†requiring	77	5b
requisition	136	4b
reread	23	
rereading	22	
*rescue	35	

Research

150

Reunion

*research	145	4b	†responded	59	
*resemble	32		†responding	25	
†resembled	17		*response	902	2a
*resent	23		†responsibilities	19	
*resentment	19		*responsibility	492	2b
*reservation	94	5a	*responsible	440	3a
†reservations	15		*rest	4,005	1a
*reserve	367	3a	*restaurant	96	5a
†reserved	146	4b	†rested	203	4a
*reservoir	17		*restful	57	
*reside	28		†resting	100	5a
*residence	198	4a	*restless	89	5b
*resident	92	5b	restoration	26	
residential	16		*restore	51	
†residents	27		†restored	41	
†resides	16		*restrain	22	
†residing	19		†restricted	18	
*resign	75	5b	restriction	17	
*resignation	101	5a	†rests	42	
†resigned	158	4a	*result	1,589	1b
*resist	69		†resulted	93	5b
*resistance	69		†resulting	27	
*resolute	16		†results	1,237	2a
*resolution	258	3b	*resume	74	
†resolutions	77	5b	†resumed	16	
*resolve	30		*retail	542	2b
†resolved	95	5a	retailers	23	
*resort	88	5b	*retain	451	2b
*resource	28		†retained	82	5b
†resources	106	5a	†retaining	34	
*respect	1,136	2a	*retire	116	5a
*respectable	136	4b	†retired	111	5a
†respected	100	5a	*retirement	14	
*respectful	25		†retiring	35	
†respectfully	559	2b	*retreat	52	
†respecting	51		*return	14,609	1a
*respective	129	4b	†returned	6,993	1a
†respectively	205	4a	†returning	4,860	1a
†respects	166	4a	†returns	303	3a
*respond	93	5b	*reunion	106	5a

Rev.

151

Rods

*Rev.	49		*rifle	28	
*reveal	42		* <i>rig</i>	40	
*revenge	76	5b	*right	11,495	1a
*revenue	140	4b	*righteous	27	
*reverence	76	5b	†rightfully	17	
*reverend	31		†rightly	75	5b
*reverse	269	3b	†rights	397	3a
†reversed	24		*rigid	33	
*review	493	2b	†rims	27	
†reviewed	22		*ring	612	2b
†reviewing	32		†ringing	45	
†reviews	33		†rings	257	3b
revise	49		*riot	17	
revised	220	3b	* <i>rip</i>	235	3b
revision	92	5b	*ripe	55	
revival	42		*rise	222	3b
*revive	35		*risen	22	
†revived	18		†rises	30	
*revolt	17		†rising	120	5a
*revolution	118	5a	*risk	326	3a
*revolutionary	15		*rival	29	
*reward	145	4b	*river	756	2a
†rewarded	16		†rivers	54	
rewrite	16		*road	1,601	1b
*rhetoric	22		†roads	545	2b
*rheumatism	85	5b	roadster	26	
*rhyme	40		*roam	11	
†rhymes	20		*roar	23	
*ribbon	159	4a	*roast	67	
†ribbons	22		* <i>rob</i>	40	
*rice	71		†robbed	19	
*rich	389	3a	*robe	21	
* <i>rid</i>	251	3b	†robins	17	
*ridden	26		*rock	256	3b
*ride	1,130	2a	*rocker	24	
*rider	20		†rocks	85	5b
†rides	107	5a	*rocky	30	
*ridge	16		* <i>rod</i>	93	5b
*ridiculous	148	4b	*rode	173	4a
†riding	472	2b	†rods	39	

Rogue

152

Sacrifices

*rogue	15		†royally	19	
*rôle	204	4a	*royalty	35	
*roll	252	3b	*rub	282	3b
†rolled	75	5b	†rubbed	18	
*roller	44		*rubber	238	3b
†rollers	57		†rubbers	20	
†rolling	104	5a	*rude	53	
†rolls	97	5a	*ruffle	19	
*romance	93	5b	*rug	628	2b
*romantic	80	5b	*rugged	29	
*roof	225	3b	†rugs	103	5a
*roofing	41		*ruin	185	4a
*room	5,954	1a	†ruined	114	5a
†roomed	30		†ruins	39	
roomers	19		*rule	825	2a
†rooming	116	5a	†ruled	26	
roommate	274	3b	†rules	406	3a
roommates	32		†ruling	123	4b
†rooms	574	2b	*rumor	55	
*roomy	13		†rumors	34	
*root	67		*run	4,690	1a
†roots	37		*runaway	20	
*rope	91	5b	*rung	22	
†ropes	27		*runner	74	
*rose	267	3b	†running	1,423	1b
†roses	186	4a	†runs	226	3b
*rosy	35		*rural	140	4b
*rotary	43		*rush	1,031	2a
*rotten	132	4b	†rushed	245	3b
*rough	510	2b	†rushing	158	4a
*round	1,067	2a	*rust	51	
†rounds	21		*rusty	11	
†roused	23		*rye	117	5a
*route	423	3a			
†routed	107	5a	*sack	87	5b
routine	76	5b	†sacks	49	
†routing	105	5a	*sacred	101	5a
*row	362	3a	*sacrifice	290	3b
†rows	54		†sacrificed	30	
*royal	119	5a	†sacrifices	24	

Sad

153

Scalp

* <i>sad</i>	486	2b	*sandwich	20
† <i>saddest</i>	19		† <i>sandwiches</i>	61
* <i>saddle</i>	43		* <i>sandy</i>	15
† <i>sadly</i>	69		* <i>sane</i>	132 4b
* <i>sadness</i>	30		* <i>sang</i>	109 5a
* <i>safe</i>	852	2a	sanguine	43
† <i>safely</i>	327	3a	sanitarium	26
* <i>safety</i>	203	4a	* <i>sanitary</i>	113 5a
sagacity	21		sanity	15
* <i>said</i>	10,843	1a	sarcasm	31
* <i>sail</i>	185	4a	sarcastic	17
† <i>sailed</i>	95	5a	* <i>sash</i>	153 4b
† <i>sailing</i>	98	5a	* <i>sat</i>	847 2a
* <i>sailor</i>	63		* <i>Sat.</i>	23
† <i>sailors</i>	38		* <i>sat in</i>	116 5a
† <i>sails</i>	60		* <i>satire</i>	28
* <i>saint</i>	33		* <i>satisfaction</i>	1,352 2a
† <i>saints</i>	24		† <i>satisfactorily</i>	666 2b
* <i>sake</i>	637	2b	* <i>satisfactory</i>	6,133 1a
† <i>sakes</i>	20		† <i>satisfied</i>	1,339 2a
* <i>salad</i>	132	4b	† <i>satisfies</i>	22
† <i>salaries</i>	108	5a	* <i>satisfy</i>	493 2b
* <i>salary</i>	754	2a	† <i>satisfying</i>	41
* <i>sale</i>	4,016	1a	* <i>Saturday</i>	4,366 1a
† <i>sales</i>	3,319	1b	* <i>sauce</i>	32
* <i>salesman</i>	609	2b	* <i>sausage</i>	17
salesmen	297	3b	* <i>savage</i>	29
† <i>saloons</i>	26		* <i>save</i>	1,473 1b
* <i>salt</i>	91	5b	† <i>saved</i>	343 3a
* <i>salutary</i>	13		† <i>saves</i>	64
salvage	30		† <i>saving</i>	607 2b
* <i>salvation</i>	56		savings	183 4a
* <i>same</i>	19,497	1a	* <i>saw</i>	5,662 1a
* <i>sample</i>	2,799	1b	saxophone	28
† <i>samples</i>	1,338	2a	* <i>say</i>	27,439 1a
* <i>sanction</i>	21		† <i>saying</i>	1,642 1b
† <i>sanctioned</i>	29		† <i>says</i>	2,326 1b
* <i>sand</i>	200	4a	* <i>scale</i>	269 3b
† <i>sandals</i>	44		† <i>scales</i>	57
† <i>sands</i>	27		* <i>scalp</i>	20

Scandal

154

Secret

*scandal	113	5a	*scramble	11	
*scant	13		*scrap	89	5b
*scarce	252	3b	*scrape	16	
†scarcely	397	3a	*scratch	47	
scarcity	31		†scratching	31	
*scare	104	5a	*scrawl	22	
†scared	174	4a	*scream	34	
*scarf	81	5b	*screen	91	5b
*scarlet	69		†screened	16	
†scattered	63		†screens	29	
*scene	223	3b	*screw	64	
*scenery	166	4a	*scribble	46	
†scenes	146	4b	†scribbling	39	
*scenic	13		*scripture	49	
*scent	47		*scrub	28	
*schedule	707	2b	†scrubbing	16	
†scheduled	138	4b	*sea	422	3a
†schedules	62		*seal	171	4a
*scheme	266	3b	†sealed	56	
†schemes	20		†seals	39	
*scholar	48		*seam	20	
†scholars	21		*search	242	3b
*scholarship	126	4b	†searched	46	
scholastic	22		†searching	24	
*school	18,528	1a	†seas	43	
*schoolhouse	42		*season	2,287	1b
†schooling	109	5a	†seasons	125	4b
*schoolroom	13		*seat	517	2b
†schools	851	2a	†seated	55	
*science	507	2b	†seating	13	
†sciences	21		†seats	134	4b
*scientific	90	5b	Sec. (s)	205	4a
*scissors	11		*second	4,276	1a
*scold	47		*secondary	73	
*scope	26		†seconded	460	2b
*score	292	3b	secondhand	51	
†scores	35		†secondly	27	
*scorn	40		†seconds	33	
*scout	123	4b	*secrecy	28	
†scouts	32		*secret	399	3a

Secretaries

155

Serge

†secretaries	34	
*secretary	1,551	1b
secretary's	22	
†secrets	45	
*sect	34	
*section	1,047	2a
sectional	23	
†sections	351	3a
*secure	2,218	1b
†secured	625	2b
†securing	544	2b
†securities	33	
*security	236	3b
*sedan	54	
*see	35,946	1a
*seed	220	3b
†seeding	15	
†seeds	29	
†seeing	1,083	2a
*seek	167	4a
†seeking	151	4b
†seeks	27	
*seem	5,362	1a
†seemed	1,772	1b
†seeming	76	5b
*seemingly	79	5b
†seems	6,177	1a
*seen	3,404	1b
†sees	156	4b
*seize	32	
†seized	83	5b
*seldom	305	3a
*select	303	3a
†selected	502	2b
†selecting	88	5b
*selection	628	2b
†selections	68	
*self	672	2b
self-addressed	29	
self-explanatory	63	

*selfish	191	4a
*selfishness	48	
*sell	2,685	1b
*seller	25	
†selling	1,284	2a
†sells	115	5a
semester	562	2b
seminary	19	
*senate	199	4a
*senator	149	4b
†senators	51	
*send	23,287	1a
†sending	9,135	1a
†sends	250	3b
*senior	563	2b
†seniors	117	5a
*sensation	58	
†sensations	34	
*sense	1,368	1b
†senses	50	
*sensibility	24	
*sensible	244	3b
*sensitive	18	
*sent	18,770	1a
*sentence	260	3b
†sentences	37	
*sentiment	194	4a
*sentimental	84	5b
†sentiments	115	5a
*separate	3,044	1b
†separated	69	
†separately	207	4a
*separation	48	
*separator	36	
*Sept.	181	4a
*September	1,853	1b
*sequel	21	
serenade	18	
*serene	21	
*serge	27	

Sergeant

156

Shelter

*sergeant	15
*serial	91 5b
*series	538 2b
*serious	1,225 2a
†seriously	520 2b
*seriousness	24
*sermon	238 3b
†sermons	24
*servant	212 4a
†servants	105 5a
*serve	2,057 1b
†served	518 2b
†serves	26
*service	9,515 1a
*serviceable	19
†services	570 2b
†serving	645 2b
*session	313 3a
†sessions	46
*set	4,061 1a
†sets	606 2b
†setting	334 3a
*settle	677 2b
†settled	717 2a
*settlement	1,845 1b
†settlements	48
†settles	16
†settling	60
*seven	1,620 1b
*seventeen	137 4b
*seventeenth	31
*seventh	192 4a
*seventy	222 3b
seventy-five	55
*sever	17
*several	6,158 1a
*severe	298 3b
†severely	51
*sew	895 2a
†sewed	77 5b

*sewer	20
sewerage	24
†sewing	384 3a
*sex	13
shack	31
*shade	233 3b
†shades	128 4b
*shadow	89 5b
†shadows	70
*shaft	67
*shake	172 4a
†shaking	50
shaky	24
*shall	21,128 1a
*shallow	23
*shame	183 4a
*shameful	14
†shamefully	21
*shan't	33
*shape	911 2a
†shaped	27
†shapes	20
*share	841 2a
†shares	53
†sharing	26
*sharp	99 5a
†shattered	45
*shave	15
*she	54,766 1a
she'd	29
*shed	76 5b
*sheep	161 4a
*sheer	39
*sheet	1,858 1b
†sheets	535 2b
*shelf	39
she'll	34
*shell	99 5a
†shells	63
*shelter	52

Shelves

157

Signatures

†shelves	42		*shorten	22	
†shelving	27		†shorter	108	5a
*shepherd	16		shorthand	39	
*sheriff	20		†shortly	662	2b
*she's	74		*shot	195	4a
*shield	29		*should	19,889	1a
*shift	62		*shoulder	190	4a
*shilling	21		†shoulders	69	
*shine	95	5a	shouldn't	83	5b
†shines	24		*shout	23	
*shingle	18		†shouted	24	
†shingles	36		†shouting	29	
†shining	115	5a	*shovel	26	
*ship	2,840	1b	*show	5,189	1a
*shipment	11,505	1a	†showed	574	2b
†shipments	1,453	1b	*shower	134	4b
†shipped	4,091	1a	†showers	28	
shipper	70		†showing	2,252	1b
shippers	55		†shown	1,782	1b
†shipping	2,173	1b	†shows	1,053	2a
†ships	219	3b	*shrewd	19	
*shirt	109	5a	†shrubs	15	
†shirts	76	5b	*shut	212	4a
*shock	267	3b	*sick	3,444	1b
†shocked	89	5b	*sickly	50	
†shocking	34		*sickness	367	3a
*shoe	369	3a	*side	3,427	1b
†shoes	666	2b	†sides	349	3a
*shook	48		*sidewalk	44	
*shoot	110	5a	†sidewalks	19	
†shooting	49		†siding	32	
*shop	857	2a	*siege	34	
†shopped	14		*sigh	31	
†shopping	209	4a	*sight	861	2a
†shops	98	5a	†sights	44	
*shore	145	4b	sight-seeing	21	
†shores	42		*sign	1,765	1b
*short	4,790	1a	*signal	37	
*shortage	622	2b	*signature	604	2b
†shortages	45		†signatures	89	5b

Signed

158

Sleeper

†signed	1,732	1b	*sit	1,191	2a
significance	55		*site	47	
*significant	24		†sits	51	
†signing	89	5b	†sitting	746	2a
†signs	209	4a	*situated	90	5b
*silence	332	3a	*situation	1,997	1b
*silent	311	3a	†situations	27	
†silently	22		*six	5,550	1a
*silk	568	2b	*sixteen	229	3b
*silly	288	3b	*sixteenth	37	
*silver	372	3a	*sixth	213	3b
*silverware	19		*sixty	643	2b
*similar	1,379	1b	*size	4,852	1a
*simple	559	2b	†sized	93	5b
*simplicity	75	5b	†sizes	978	2a
simplify	21		*skate	33	
†simply	1,234	2a	†skating	94	5a
*sin	130	4b	*skeleton	55	
*since	11,160	1a	*sketch	312	3a
*sincere	351	3a	†sketches	67	
†sincerely	3,665	1a	*skies	22	
†sincerest	16		*skill	111	5a
*sincerity	78	5b	†skilled	23	
*sing	384	3a	*skillful	24	
*singer	40		*skin	116	5a
†singers	16		†skins	21	
†singing	373	3a	*skip	31	
*single	1,234	2a	*skirt	453	2b
†singly	26		†skirts	46	
†sings	46		*sky	53	
*singular	48		*slack	21	
*sink	126	4b	*slander	12	
†sinking	23		*slate	25	
†sinks	24		*slaughter	26	
*sinner	21		*slave	26	
*sir	17,944	1a	*slavery	83	5b
*sis	16		†slaves	90	5b
*sister	2,353	1b	*sled	13	
sister's	20		*sleep	1,486	1b
†sisters	368	3a	*sleeper	55	

Sleeping

159

Sofa

†sleeping	193	4a	†smiled	30	
†sleeps	24		†smiles	42	
*sleepy	390	3a	†smiling	122	4b
*sleet	31		*smoke	300	3b
*sleeve	73		†smoked	28	
†sleeves	131	4b	*smoker	37	
*sleigh	30		†smoking	83	5b
*slender	17		*smooth	153	4b
*slept	191	4a	†smoothly	45	
*slice	14		*snake	26	
slick	36		*snap	97	5a
*slide	142	4b	†snapped	44	
†slides	48		snappy	49	
*slight	467	2b	snapshot	33	
†slightest	103	5a	*snatch	19	
†slightly	251	3b	*sneak	21	
*slim	27		*sneeze	32	
*slip	528	2b	*snow	1,355	2a
†slipped	125	4b	†snowed	122	4b
*slipper	17		†snowing	96	5a
†slippers	104	5a	†snows	16	
*slippery	22		snowstorm	14	
†slipping	39		*snowy	22	
†slips	96	5a	*so	90,156	1a
slogan	22		*soak	26	
*slope	22		†soaked	16	
sloppy	17		*soap	168	4a
*slow	609	2b	*sober	77	5b
†slowly	184	4a	so-called	128	4b
*slumber	25		*social	947	2a
*small	4,552	1a	socialism	20	
†smaller	366	3a	*socialist	23	
†smallest	65		†socially	46	
small pox	20		†societies	54	
*smart	211	4a	*society	1,090	2a
*smash	24		sociology	36	
†smashed	18		*sock	20	
*smell	68		†socks	39	
†smells	16		*soda	18	
*smile	264	3b	*sofa	33	

Soft

160

Speaker

*soft	261	3b	*soothe	20	
†softened	21		sophomore	57	
*soil	271	3b	*sore	412	3a
†soiled	19		†sorely	20	
*sojourn	22		sororities	39	
*sold	2,356	1b	sorority	124	4b
*soldier	145	4b	*sorrow	294	3b
†soldiers	218	3b	†sorrows	46	
*sole	115	5a	*sorry	6,763	1a
†solely	63		*sort	1,941	1b
*solemn	84	5b	†sorts	171	4a
†solemnly	40		*sought	125	4b
*solicit	86	5b	*soul	610	2b
solicitation	33		†souls	68	
†solicited	52		*sound	828	2a
†soliciting	97	5a	†sounded	105	5a
*solid	285	3b	†sounds	457	2b
*solitary	30		*soup	66	
*solitude	42		*sour	24	
solo	129	4b	*source	229	3b
*solution	88	5b	†sources	78	5b
*solve	61		*south	1,084	2a
†solved	28		*southeast	33	
*some	49,999	1a	*southeastern	30	
*somebody	481	2b	*southern	399	3a
someday	68		*southwest	29	
*somehow	268	3b	*southwestern	38	
*someone	761	2a	souvenir	32	
*something	7,570	1a	*sovereign	23	
*sometime	1,530	1b	†sowed	14	
†sometimes	2,188	1b	*space	737	2a
*somewhat	1,310	2a	†spaces	19	
*somewhere	448	2b	*span	12	
*son	1,114	2a	*Spanish	43	
*song	475	2b	*spank	14	
†songs	207	4a	*spare	707	2b
*sonnet	21		†spared	43	
†sons	130	4b	*spark	33	
*soon	13,086	1a	*speak	2,006	1b
†sooner	1,088	2a	*speaker	139	4b

Speakers

161

Square

†speakers	33		*spirit	979	2a
†speaking	572	2b	†spirited	19	
†speaks	171	4a	†spirits	302	3b
*special	5,687	1a	*spiritual	94	5a
*specialist	40		†spiritually	18	
specialize	23		*spite	381	3a
specialized	16		*splash	22	
†specially	111	5a	*splendid	1,102	2a
*specialty	67		†splendidly	64	
*species	63		*splendor	22	
specific	189	4a	*split	108	5a
specifically	87	5b	*spoil	71	
specification	49		†spoiled	101	5a
specifications	276	3b	†spoils	21	
†specified	442	3a	*spoke	840	2a
*specify	192	4a	*spoken	304	3a
†specifying	26		*sponge	14	
*specimen	92	5b	*spontaneous	15	
†specimens	87	5b	*spoon	25	
*speck	19		†spoons	32	
*spectacle	20		*sport	326	3a
*speculation	30		†sporting	20	
*speech	682	2b	†sports	86	5b
†speeches	154	4b	*spot	291	3b
*speed	206	4a	†spots	43	
*speedy	56		sprained	19	
*spell	438	3a	*spray	44	
†spelled	48		*spread	262	3b
speller	16		†spreading	29	
†spelling	85	5b	†spreads	23	
†spells	65		*spree	16	
*spend	1,664	1b	*spring	2,810	1b
†spending	297	3b	†springs	72	
†spends	55		*sprinkle	21	
*spent	1,557	1b	*spruce	20	
*sphere	46		*sprung	13	
*spice	16		*spur	22	
*spill	15		*spy	27	
†spilled	20		*squad	18	
*spin	21		*square	442	3a

Squeeze

162

Steamship

*squeeze	34	
*squirrel	17	
†squirrels	24	
S. S.	34	
*St.	203	4a
*stable	37	
*stack	54	
stadium	35	
*staff	127	4b
*stag	39	
*stage	339	3a
†staged	16	
†stages	24	
*staid	73	
*stain	21	
*stair	96	5a
†stairs	190	4a
*stake	45	
*stale	34	
*stall	20	
*stamp	478	2b
†stamped	690	2b
†stamping	20	
†stamps	447	2b
*stand	2,145	1b
*standard	1,593	1b
standardized	23	
†standards	70	
†standing	720	2a
standpoint	196	4a
†stands	486	2b
standstill	15	
*staple	23	
*star	124	4b
*stare	34	
†staring	25	
†stars	200	4a
*start	2,765	1b
†started	2,460	1b
starter	26	

†starting	485	2b
†startled	22	
†startling	21	
†starts	90	5b
*starvation	21	
*starve	49	
†starved	35	
†starving	25	
*state	9,072	1a
†stated	2,125	1b
*stately	33	
*statement	5,642	1a
†statements	779	2a
†states	1,367	1b
*statesman	22	
statesmen	24	
†stating	1,328	2a
*station	1,370	1b
*stationary	174	4a
*stationery	433	3a
†stations	81	5b
*statistics	140	4b
*statue	39	
†statues	44	
status	112	5a
*statute	28	
†statutes	33	
*stay	4,634	1a
†stayed	1,083	2a
†staying	542	2b
†stays	149	4b
*stead	18	
*steadily	141	4b
*steady	240	3b
*steak	30	
*steal	73	
†stealing	52	
*steam	263	3b
*steamer	126	4b
*steamship	58	

Steel

163

Strength

*steel	706	2b	*stop	2,171	1b
*steep	48		†stopped	902	2a
*steer	19		†stopping	107	5a
*stem	14		†stops	84	5b
stenographer	106	5a	*storage	354	3a
stenographic	30		*store	2,668	1b
*step	666	2b	†stored	53	
†stepped	62		†stores	522	2b
†stepping	82	5b	†stories	329	3a
†steps	379	3a	*stork	19	
*sterling	30		*storm	413	3a
*stern	19		†storms	45	
†stewed	14		*stormy	30	
*stick	324	3a	*story	1,706	1b
†sticking	47		*stout	47	
†sticks	71		*stove	391	3a
*stiff	235	3b	†stoves	31	
*still	8,058	1a	*straight	866	2a
stimulating	16		*straighten	203	4a
stimulus	19		†straightened	188	4a
stingy	19		straightforward	16	
*stir	55		*strain	136	4b
†stirred	38		†strained	33	
†stirring	22		†stranded	29	
*stitch	22		*strange	728	2a
†stitches	25		†strangely	82	5b
*stock	6,429	1a	*stranger	139	4b
stockholders	97	5a	†strangers	43	
†stocked	33		*strap	42	
*stocking	52		†straps	22	
*stockings	171	4a	*straw	95	5a
†stocks	112	5a	†strawberries	50	
*stole	32		†strayed	17	
*stolen	66		*streak	31	
*stomach	202	4a	*stream	127	4b
*stone	428	3a	†streams	35	
†stones	115	5a	*street	2,558	1b
*stood	414	3a	street car	34	
*stool	23		†streets	274	3b
*stoop	16		*strength	530	2b

Strengthen

164

Substitution

*strengthen	37		*study	2,627	1b
†strengthened	26		†studying	917	2a
*strenuous	106	5a	*stuff	584	2b
*stress	35		†stuffed	47	
*stretch	75	5b	†stumbled	19	
†stretched	43		*stump	29	
†stretching	29		†stunning	26	
*stricken	14		*stunt	122	4b
*strict	133	4b	†stunts	42	
†strictly	266	3b	*stupid	121	4b
*strife	27		*stupidity	38	
*strike	335	3a	*style	2,547	1b
strikers	26		†styles	108	5a
†strikes	159	4a	*stylish	24	
†striking	99	5a	†subdued	18	
*string	132	4b	*subject	5,080	1a
†strings	50		†subjected	30	
*strip	64		†subjects	684	2b
†stripes	28		*sublime	42	
*strive	28		*submission	24	
†striving	24		*submit	587	2b
*stroke	75	5b	†submitted	589	2b
*stroll	40		†submitting	126	4b
*strong	1,634	1b	subordinate	16	
†stronger	215	3b	*subscribe	35	
†strongest	125	4b	†subscribed	48	
†strongly	291	3b	*subscriber	41	
*struck	370	3a	†subscribers	39	
*structure	51		*subscription	431	3a
*struggle	180	4a	†subscriptions	33	
†struggling	43		*subsequent	62	
*strut	20		†subsequently	21	
*stubborn	15		*substance	90	5b
*stuck	208	4a	*substantial	203	4a
*student	695	2b	†substantially	32	
†students	1,084	2a	*substitute	421	3a
*studied	216	3b	†substituted	85	5b
*studies	441	3a	†substitutes	25	
*studio	39		†substituting	72	
*studious	26		substitution	50	

Substitutions

165

Supplied

substitutions	38		*suite	43	
*subtle	31		†suited	101	5a
*suburb	19		†suits	328	3a
*subway	17		*sum	454	2b
*succeed	298	3b	*summary	66	
†succeeded	224	3b	*summer	5,367	1a
†succeeding	91	5b	†summers	35	
†succeeds	29		†summons	27	
*success	2,177	1b	†sums	29	
†successes	29		*sun	987	2a
*successful	1,146	2a	†sunburned	23	
†successfully	176	4a	*Sunday	4,520	1a
*succession	70		*sung	45	
*successive	27		*sunk	53	
*successor	69		*sunlight	18	
*such	12,836	1a	*sunny	68	
*sudden	274	3b	*sunrise	41	
†suddenly	276	3b	*sunset	97	5a
†sued	17		*sunshine	241	3b
suède	23		sunshiny	22	
*suffer	323	3a	*superb	23	
†suffered	350	3a	*superficial	28	
†suffering	287	3b	*superfluous	22	
†suffers	27		superintendence	19	
*suffice	50		superintendency	20	
*sufficiency	16		*superintendent	1,142	2a
*sufficient	1,124	2a	†superintendents	61	
†sufficiently	244	3b	*superior	387	3a
*suffrage	30		*superiority	32	
*sugar	515	2b	supervise	18	
*suggest	2,858	1b	supervised	24	
†suggested	1,025	2a	supervising	20	
†suggesting	179	4a	*supervision	130	4b
*suggestion	1,048	2a	*supervisor	79	5b
†suggestions	840	2a	†supervisors	31	
*suggestive	37		*supper	1,195	2a
†suggests	110	5a	supplement	138	4b
suicide	23		supplemental	23	
*suit	2,017	1b	supplementary	31	
*suitable	676	2b	†supplied	388	3a

Supplies

166

Sworn

†supplies	577	2b
*supply	3,764	1a
†supplying	123	4b
*support	521	2b
†supported	82	5b
†supporting	48	
†supports	18	
*suppose	6,220	1a
†supposed	940	2a
†supposing	86	5b
*supposition	33	
*suppress	38	
†suppressed	44	
*supreme	225	3b
Supt. (s)	202	4a
*sure	10,066	1a
†surely	3,975	1a
*surety	25	
*surf	27	
*surface	160	4a
*surgeon	29	
*surgery	13	
surgical	23	
*surmise	25	
*surplus	117	5a
*surprise	1,111	2a
†surprised	1,479	1b
†surprises	40	
†surprising	68	
*surrender	57	
†surrendered	26	
*surround	19	
†surrounded	89	5b
†surrounding	80	5b
surroundings	44	
*survey	204	4a
*survive	47	
†survived	34	
susceptible	22	
*suspect	225	3b

†suspected	118	5a
*suspend	22	
†suspended	37	
*suspense	33	
suspension	16	
*suspicion	76	5b
*suspicious	41	
*sustain	36	
†sustained	48	
*swallow	42	
†swallowed	27	
*swamp	15	
†swamped	35	
*swear	124	4b
†swearing	29	
*sweat	51	
*sweater	308	3a
†sweaters	24	
*sweep	27	
†sweeping	34	
*sweet	1,888	1b
†sweetener	37	
†sweetest	175	4a
*sweetheart	583	2b
†sweetly	19	
*sweetness	81	5b
*swell	338	3a
†swelled	20	
*swept	31	
*swift	33	
†swiftly	23	
*swim	154	4b
†swimming	326	3a
*swing	94	5a
†swinging	24	
*switch	69	
*swollen	34	
*sword	30	
*swore	39	
*sworn	19	

Sympathetic

167

Telegram

*sympathetic	82	5b
†sympathies	30	
*sympathize	106	5a
*sympathy	536	2b
*symphony	22	
†symptoms	45	
*syndicate	18	
*syrup	38	
*system	1,291	2a
systematically	16	
†systems	60	
*table	1,147	2a
†tables	176	4a
*tablet	73	
†tablets	37	
*tack	17	
*tackle	54	
*tact	23	
*taffeta	62	
taffy	24	
*tag	40	
†tags	32	
*tail	106	5a
*tailor	18	
*take	18,249	1a
†taken	6,251	1a
†takes	787	2a
†taking	3,670	1a
*tale	127	4b
*talent	141	4b
†talented	24	
†talents	23	
†tales	57	
*talk	3,684	1a
†talked	2,195	1b
†talking	1,241	2a
†talks	231	3b
*tall	171	4a
*tame	46	

*tan	362	3a
tangible	26	
*tank	177	4a
†tanks	27	
*tape	55	
tardiness	16	
*tardy	29	
*tariff	112	5a
*task	209	4a
*taste	422	3a
†tasted	44	
†tastes	49	
*taught	410	3a
*tax	422	3a
*taxation	47	
†taxed	42	
†taxes	330	3a
taxi	15	
*tea	657	2b
*teach	1,694	1b
*teacher	2,396	1b
teacher's	87	5b
†teachers	1,745	1b
teachers'	16	
†teaches	80	5b
†teaching	1,725	1b
*team	936	2a
†teams	58	
*tear	136	4b
†tearing	30	
†tears	180	4a
†teas	17	
*tease	63	
†teased	41	
†teasing	28	
technical	107	5a
technique	17	
*tedious	70	
*teeth	262	3b
*telegram	1,249	2a

Telegrams

168

Thee

†telegrams	79	5b
*telegraph	467	2b
†telegraphed	44	
telegraphic	30	
*telephone	861	2a
†telephoned	88	5b
*tell	10,091	1a
*teller	22	
†telling	1,006	2a
†tells	449	2b
*temper	107	5a
*temperament	20	
*temperance	17	
*temperate	14	
*temperature	138	4b
*temple	128	4b
†temples	30	
†temporarily	164	4a
*temporary	250	3b
*tempt	29	
*temptation	84	5b
†temptations	21	
†tempted	103	5a
†tempting	21	
*ten	4,995	1a
*tenant	29	
†tenants	19	
*tend	62	
†tended	17	
*tendency	153	4b
*tender	241	3b
†tendered	26	
†tenderly	26	
*tenderness	27	
†tending	25	
†tends	30	
*tennis	345	3a
*tenor	12	
*tension	17	
*tent	142	4b

tentative	65	
*tenth	103	5a
†tents	18	
*term	1,037	2a
*terminal	31	
*terminate	14	
*termination	15	
†terms	1,758	1b
*terrace	18	
*terrible	955	2a
†terribly	578	2b
*terrific	19	
†territories	51	
*territory	1,403	1b
*terror	37	
*test	573	2b
†tested	69	
*testify	31	
testimonial	14	
*testimony	77	5b
†testing	20	
†tests	174	4a
*text	194	4a
*textile	20	
†texts	51	
*than	10,989	1a
*thank	12,759	1a
†thanked	75	5b
*thankful	325	3a
†thanking	6,515	1a
†thanks	2,123	1b
*Thanksgiving	225	3b
*that	194,645	1a
*that's	352	3a
*thaw	18	
*the	560,601	1a
*theater	460	2b
†theaters	44	
*theatrical	18	
*thee	51	

Theft

169

Thrilled

*theft	20	
*their	19,661	1a
†theirs	74	
*them	38,308	1a
*theme	165	4a
†themes	25	
*themselves	1,165	2a
*then	10,468	1a
*thence	134	4b
theological	14	
theology	14	
†theories	28	
*theory	242	3b
*there	49,501	1a
*thereafter	112	5a
*thereby	265	3b
*therefore	7,036	1a
*therein	148	4b
*thereof	99	5a
*thereon	178	4a
*there's	182	4a
*thereto	93	5b
*therewith	52	
*thermometer	84	5b
*these	14,606	1a
thesis	63	
*they	51,999	1a
*they'll	25	
*they're	46	
*they've	25	
*thick	188	4a
*thickness	16	
*thief	32	
*thieves	24	
*thigh	18	
*thin	275	3b
*thing	15,941	1a
†things	3,843	1a
*think	27,447	1a
†thinking	2,011	1b

†thinks	1,075	2a
*third	1,598	1b
*thirsty	19	
*thirteen	154	4b
*thirteenth	63	
*thirtieth	44	
*thirty	1,412	1b
thirty-five	41	
thirty-one	29	
thirty-six	31	
*this	108,806	1a
*thither	51	
*tho'	72	
*thorough	250	3b
†thoroughly	950	2a
*those	4,084	1a
*thou	68	
*though	6,224	1a
*thought	7,783	1a
*thoughtful	151	4b
thoughtfulness	56	
*thoughtless	13	
†thoughts	637	2b
*thousand	2,199	1b
†thousands	221	3b
*thrash	25	
†thrashed	16	
†thrashing	32	
*thread	128	4b
*threat	16	
*threaten	25	
†threatened	84	
†threatening	43	
†threats	14	
*three	10,745	1a
*threw	104	5a
*thrift	25	
*thrifty	26	
*thrill	159	4a
†thrilled	114	5a

Thrilling

170

Tooth

†thrilling	130	4b
†thrills	54	
*thrive	21	
*throat	326	3a
*throne	34	
*through	9,617	1a
*throughout	494	2b
*throw	330	3a
†throwing	87	5b
†thrown	197	4a
†throws	59	
*thrust	39	
*thumb	53	
*thunder	72	
*Thursday	2,225	1b
*thus	1,032	2a
*thy	53	
*ticket	664	2b
†tickets	272	3b
*tickle	23	
†tickled	173	4a
*tide	68	
*tie	422	3a
†tied	140	4b
†ties	49	
*tight	196	4a
*tile	101	5a
*till	1,922	1b
*timber	167	4a
*time	66,396	1a
*timely	45	
†times	2,665	1b
*timid	36	
†tinted	15	
*tiny	198	4a
*tip	219	3b
†tips	28	
*tire	379	3a
†tired	1,561	1b
†tires	77	5b

*tiresome	68	
*'tis	59	
*tissue	14	
*title	427	3a
†titles	44	
*to	496,776	1a
*toast	47	
*tobacco	43	
*to-day	12,901	1a
to-day's	131	4b
*toe	93	5b
†toes	42	
*together	3,508	1a
*toil	17	
*toilet	43	
*token	39	
*told	4,969	1a
†tolerably	25	
*tolerate	29	
†tolerated	19	
*toleration	19	
*tomato	19	
†tomatoes	44	
*tomb	20	
*to-morrow	3,464	1a
*ton	768	2a
*tone	145	4b
†tones	22	
*tongue	123	4b
*tonic	28	
*to-night	2,531	1b
*tonnage	88	5b
†tons	181	4a
tonsillitis	38	
tonsils	58	
*too	20,271	1a
*took	3,511	1a
*tool	77	5b
†tools	107	5a
*tooth	104	5a

Toothache

171

Trap

*toothache	46		tractor	138	4b
*top	1,191	2a	tractors	43	
*topic	77	5b	*trade	1,356	1b
†topics	58		†traded	40	
†tops	31		†trading	61	
*tore	113	5a	*tradition	16	
*torn	122	4b	traditional	17	
tornado	14		†traditions	35	
*torture	36		*traffic	332	3a
*total	2,101	1b	*tragedy	115	5a
†totaling	53		*tragic	44	
†totally	97	5a	*trail	69	
†totals	34		†trailing	18	
*touch	1,636	1b	†trails	38	
†touched	134	4b	*train	2,347	1b
†touches	82	5b	†trained	98	5a
†touching	95	5a	†training	776	2a
*tough	155	4b	†trains	185	4a
*tour	69		*traitor	15	
†touring	37		traits	21	
†tourists	20		*tramp	39	
*tournament	156	4b	*trample	20	
*toward	788	2a	†transacted	23	
*towards	516	2b	*transaction	373	3a
*towel	63		†transactions	58	
†towels	37		transcript	36	
*tower	46		*transfer	446	2b
*town	5,389	1a	†transferred	337	3a
†towns	409	3a	†transferring	66	
*township	84	5b	†transfers	40	
*toy	219	3b	*transit	350	3a
†toys	20		*translate	61	
*trace	415	3a	†translated	50	
†traced	77	5b	*translation	91	5b
tracer	319	3a	†translations	22	
†traces	17		*transmission	44	
†tracing	107	5a	*transmit	21	
*track	411	3a	*transport	11	
†tracks	68		*transportation	1,272	2a
*tract	68		*trap	17	

Travel

172

Trying

*travel	379	3a
†traveled	62	
*traveler	13	
†traveling	344	3a
†travels	64	
*tray	24	
†trays	34	
*tread	32	
Treas. (t)	39	
*treasure	99	5a
*treasurer	290	3b
treasurer's	40	
†treasures	27	
*treasury	97	5a
*treat	369	3a
†treated	383	3a
†treating	85	5b
treatise	15	
*treatment	468	2b
†treatments	36	
†treats	16	
*treaty	59	
*tree	372	3a
†trees	679	2b
*tremble	26	
*tremendous	176	4a
†tremendously	32	
*trend	28	
*trial	681	2b
†trials	56	
*triangle	12	
*tribe	17	
tribune	23	
*trick	100	5a
†tricks	31	
*tried	1,570	1b
†tries	61	
*trifle	131	4b
†trifles	29	
†trifling	50	

*trim	69	
†trimmed	81	5b
†trimming	48	
trio	17	
*trip	2,933	1b
*triple	56	
triplicate	30	
†trips	179	4a
*triumph	91	5b
*trivial	41	
*trolley	14	
†troops	104	5a
*tropical	24	
*trouble	3,685	1a
†troubled	55	
†troubles	252	3b
*troublesome	38	
†troubling	20	
*trousers	74	
*trout	26	
*truck	390	3a
†trucks	97	5a
*true	2,144	1b
†truest	47	
†truly	8,793	1a
*trunk	292	3b
†trunks	27	
*trust	6,555	1a
†trusted	35	
*trustee	65	
†trustees	54	
†trusting	2,295	1b
†trusts	20	
*trustworthy	23	
*truth	1,312	2a
*truthful	41	
†truthfully	33	
†truths	34	
*try	8,943	1a
†trying	1,909	1b

Tub

173

Uncommon

* <i>tub</i>	66		† <i>twisted</i>	17	
* <i>tube</i>	70		* <i>two</i>	23,475	1a
* <i>tuberculosis</i>	26		two-thirds	29	
† <i>tubes</i>	78	5b	* <i>type</i>	888	2a
† <i>tubing</i>	20		† <i>typed</i>	25	
† <i>tubs</i>	37		† <i>types</i>	101	5a
* <i>Tues.</i>	17		* <i>typewriter</i>	191	4a
* <i>Tuesday</i>	2,094	1b	† <i>typewriters</i>	15	
tuition	50		* <i>typewriting</i>	39	
† <i>tulips</i>	25		typewritten	49	
* <i>tumble</i>	18		typhoid	14	
† <i>tumbling</i>	18		* <i>typical</i>	68	
* <i>tune</i>	39		† <i>typing</i>	43	
* <i>turkey</i>	80	5b	typist	21	
† <i>turkeys</i>	20		typographical	21	
* <i>turn</i>	2,148	1b	* <i>tyranny</i>	22	
† <i>turned</i>	1,552	1b			
† <i>turning</i>	352	3a	* <i>ugly</i>	123	4b
† <i>turns</i>	163	4a	ukelele	16	
* <i>turtle</i>	20		ult.	138	4b
* <i>tutor</i>	19		* <i>ultimate</i>	46	
† <i>tutoring</i>	17		† <i>ultimately</i>	44	
* <i>'twas</i>	34		ultimo	70	
* <i>twelfth</i>	47		* <i>umbrella</i>	40	
* <i>twelve</i>	951	2a	* <i>umpire</i>	17	
* <i>twentieth</i>	38		* <i>unable</i>	4,636	1a
* <i>twenty</i>	1,671	1b	* <i>unanimous</i>	83	5b
twenty-first	16		† <i>unanimously</i>	55	
twenty-five	255	3b	unanswered	37	
twenty-four	95	5a	* <i>unavoidable</i>	47	
twenty-one	60		* <i>unaware</i>	27	
twenty-seven	18		* <i>uncertain</i>	128	4b
twenty-three	62		* <i>uncertainty</i>	31	
twenty-two	38		* <i>unchanged</i>	15	
* <i>twice</i>	924	2a	* <i>uncle</i>	965	2a
* <i>twilight</i>	15		uncle's	29	
* <i>twin</i>	39		† <i>uncles</i>	30	
* <i>twine</i>	20		* <i>uncomfortable</i>	88	5b
† <i>twins</i>	45		† <i>uncomfortably</i>	16	
* <i>twist</i>	13		* <i>uncommon</i>	23	

Unconscious

174

Unspeakable

*unconscious	53	
†unconsciously	17	
*undecided	84	5b
*under	9,630	1a
*undergo	17	
undergone	25	
*underneath	33	
undersigned	31	
*understand	6,091	1a
†understanding	1,473	1b
†understands	57	
*understood	628	2b
*undertake	174	4a
†undertaken	50	
*undertaker	15	
†undertaking	55	
*undertook	24	
*underwear	135	4b
underwent	23	
undivided	20	
*undo	17	
*undone	18	
†undoubtedly	781	2a
undue	22	
unduly	24	
†uneasiness	26	
*uneasy	81	5b
*unequal	33	
*uneven	16	
uneventful	15	
*unexpected	81	5b
†unexpectedly	35	
unfair	76	5b
*unfavorable	42	
unfilled	24	
*unfinished	26	
*unfit	58	
*unfortunate	243	3b
†unfortunately	234	3b
*ungrateful	43	

*unhappy	153	4b
*uniform	178	4a
†uniforms	16	
unimportant	22	
uninteresting	41	
*union	950	2a
†unions	59	
*unique	47	
*unit	125	4b
*unite	59	
†united	138	4b
†units	95	5a
*unity	50	
*universal	213	3b
†universally	26	
*universe	102	5a
†universities	44	
*university	1,651	1b
*unjust	98	5a
*unkind	21	
*unknown	150	4b
*unlawful	25	
*unless	3,261	1b
*unlike	111	5a
†unlikely	32	
unlimited	20	
†unloaded	31	
*unlucky	46	
†unnecessarily	23	
*unnecessary	342	3a
unpacked	21	
*unpaid	380	3a
*unpleasant	123	4b
unquestionably	44	
*unreasonable	105	5a
unsatisfactory	203	4a
*unselfish	31	
*unsettled	68	
unsophisticated	14	
*unspeakable	37	

Unsuccessful

175

Vapor

*unsuccessful	47		†ushered	17	
*until	13,061	1a	†using	1,520	1b
*unto	38		*usual	2,507	1b
*untold	25		†usually	962	2a
*untrue	40		*utility	55	
unused	31		utilize	134	4b
*unusual	494	2b	*utmost	199	4a
†unusually	124	4b	*utter	85	5b
*unwilling	103	5a	*utterance	36	
*unwise	38		†uttered	24	
*unworthy	79	5b	†utterly	183	4a
*up	44,584	1a			
*uphill	38		†vacancies	150	4b
*uphold	40		*vacancy	186	4a
*uplift	18		*vacant	149	4b
*upon	10,739	1a	*vacate	24	
*upper	304	3a	*vacation	2,239	1b
*uppermost	14		†vacations	37	
*upright	35		vaccinated	24	
*uproar	19		*vacuum	53	
*upset	83	5b	*vague	75	5b
*upstairs	133	4b	*vain	255	3b
up-to-date	47		†vainly	23	
*upward	25		*valentine	96	5a
*urge	274	3b	valet	28	
†urged	86	5b	valid	54	
*urgent	165	4a	*valley	357	3a
†urgently	37		†valleys	17	
†urging	52		*valuable	700	2b
*us	47,444	1a	valuation	155	4b
*U. S.	30		*value	3,561	1a
usable	30		†valued	943	2a
*usage	39		valueless	16	
*use	14,188	1a	†values	207	4a
†used	5,246	1a	*valve	30	
*useful	623	2b	vamp	40	
usefulness	63		vamped	20	
*useless	310	3a	†vanished	21	
†uses	172	4a	*vanity	152	4b
*usher	14		*vapor	18	

Variation

176

Virtues

*variation	22		*via	100	5a
†variations	18		*vice	93	5b
†varied	79	5b	Vice Pres.	19	
†varieties	20		vice president	71	
*variety	392	3a	†vices	50	
*various	1,555	1b	vice versa	14	
*varnish	39		*vicinity	290	3b
*vary	76	5b	*vicious	29	
†varying	24		*victim	84	5b
*vast	201	4a	†victims	38	
†vastly	40		*victorious	42	
vaudeville	34		*victory	206	4a
*vault	29		Victrola	38	
*vegetable	68		*view	2,322	1b
†vegetables	60		viewpoint	46	
*vegetation	12		†views	315	3a
*veil	28		*vigilance	17	
*vein	15		*vigor	44	
velour	17		*vigorous	60	
*velvet	145	4b	†vigorously	32	
*veneer	15		*vile	33	
*venerable	25		*villa	48	
*vengeance	25		*village	171	4a
*vent	12		†villages	31	
*venture	165	4a	*vine	24	
†ventured	49		*vinegar	15	
*verbal	35		†vines	46	
*verdict	29		†vineyards	18	
*verge	34		*violate	17	
*verify	54		*violation	31	
†verifying	18		*violence	83	5b
*verily	23		*violent	79	5b
*verse	150	4b	†violently	19	
†verses	172	4a	†violets	42	
version	19		*violin	144	4b
*very	80,090	1a	violinist	21	
*vessel	32		*virgin	17	
*vest	48		†virtually	23	
*veto	18		*virtue	192	4a
*vexation	16		†virtues	95	5a

Visible

177

Wardrobe

*visible	119	5a	*vouch	20	
*vision	211	4a	voucher	171	4a
†visions	45		vouchers	66	
*visit	3,402	1b	*voyage	103	5a
†visited	548	2b	*vulgar	101	5a
†visiting	604	2b			
*visitor	225	3b	*wade	29	
†visitors	219	3b	waffle	15	
†visits	185	4a	*wage	36	
visual	28		*wager	29	
visualize	14		†wages	223	3b
*vital	78	5b	*wagon	182	4a
*vivid	39		†wagons	41	
†vividly	19		*waist	331	3a
viz.	18		*wait	2,395	1b
*vocabulary	44		†waited	309	3a
*vocal	87	5b	*waiter	35	
vocation	48		†waiting	1,410	1b
vocational	92	5b	waitress	14	
vogue	17		†waits	49	
*voice	639	2b	waiver	22	
†voices	68		*wake	135	4b
*void	35		†waking	26	
*voile	33		*walk	1,391	1b
*volcano	19		†walked	416	3a
volition	22		†walking	510	2b
*volley	30		†walks	150	4b
*volt	44		*wall	418	3a
*volume	1,187	2a	†walls	203	4a
†volumes	239	3b	*walnut	64	
voluminous	28		*wander	102	5a
†voluntarily	62		†wandered	30	
*voluntary	98	5a	†wandering	49	
*volunteer	57		*want	15,277	1a
†volunteered	30		†wanted	4,183	1a
*vote	610	2b	†wanting	447	2b
†voted	231	3b	†wants	1,142	2a
†voters	22		*war	3,852	1a
†votes	124	4b	*ward	51	
†voting	30		*wardrobe	41	

Ware

178

We're

*ware	27	
*warehouse	354	3a
*warfare	21	
*warm	1,387	1b
†warmer	139	4b
†warmest	22	
*warmth	63	
*warn	52	
†warned	31	
†warning	63	
*warrant	410	3a
†warranted	31	
†warrants	60	
†wars	27	
*was	84,035	1a
*wash	668	2b
†washed	285	3b
*washer	35	
†washing	375	3a
*wasn't	765	2a
*waste	4,970	1a
†wasted	82	5b
†wasting	34	
*watch	1,104	2a
†watched	103	5a
†watches	37	
†watching	266	3b
*water	2,496	1b
†watermelons	21	
†waters	76	5b
*wave	107	5a
†waves	53	
*way	15,331	1a
†ways	574	2b
*we	232,770	1a
*weak	643	2b
*weaken	36	
†weakened	33	
†weaker	29	
weakling	17	

*weakness	138	4b
*wealth	109	5a
*wealthy	58	
*weapon	25	
*wear	1,312	2a
†wearing	401	3a
†wears	89	5b
*weary	312	3a
*weather	4,505	1a
*weave	19	
*wed	362	3a
Wed.	17	
*wedding	549	2b
*Wednesday	1,707	1b
*weed	29	
†weeds	46	
*week	16,164	1a
week-end	254	3b
*weekly	241	3b
week's	94	5a
†weeks	3,792	1a
weeks'	18	
*weep	63	
†weeping	41	
*weigh	259	3b
†weighed	103	5a
†weighing	93	5b
†weighs	44	
*weight	1,272	2a
†weights	106	5a
*welcome	1,174	2a
†welcomed	55	
*welfare	120	5a
*well	39,300	1a
*we'll	137	4b
well-known	33	
*went	8,484	1a
*wept	24	
*were	32,302	1a
*we're	59	

Weren't

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Wine

weren't	113	5a	*white	2,850	1b
*west	1,315	2a	*whither	64	
*western	847	2a	*who	18,708	1a
*wet	863	2a	*whoever	122	4b
*we've	77	5b	*whole	4,175	1a
*whale	13		*wholesale	236	3b
*what	33,522	1a	*wholesome	101	5a
*whatever	1,857	1b	*wholly	274	3b
what's	30		*whom	2,578	1b
*whatsoever	119	5a	†whooping	16	
*wheat	166	4a	*whose	1,242	2a
*wheel	278	3b	*why	6,349	1a
†wheels	96	5a	*wicked	117	5a
*when	54,326	1a	*wickedness	18	
*whence	59		*wide	572	2b
*whenever	1,048	2a	†widely	38	
*where	3,707	1a	†wider	49	
whereabouts	135	4b	*widow	95	5a
*whereas	400	3a	*width	127	4b
*whereby	101	5a	*wife	1,922	1b
*wherefore	39		wife's	27	
*wherein	221	3b	*wild	877	2a
*whereupon	38		*wilderness	63	
*wherever	359	3a	†wildest	15	
*whether	6,853	1a	†wildly	21	
*which	50,721	1a	*will	154,838	1a
*whichever	60		*willing	1,802	1b
*while	8,751	1a	†willingly	74	
*whilst	26		willingness	92	5b
*whim	24		*willow	21	
*whine	18		†wills	18	
*whip	52		*win	1,760	1b
†whipped	25		*wind	880	2a
*whirl	42		†winding	44	
whiskey	29		*window	1,130	2a
*whisper	69		†windows	444	2b
†whispered	24		†winds	58	
†whispering	23		windshield	15	
*whistle	82	5b	*windy	136	4b
†whistling	26		*wine	188	4a

Wines

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Worldly

†wines	24		†wits	56	
*wing	36		*witty	54	
†wings	56		*wives	70	
*wink	16		*woe	53	
*winner	34		*woke	99	5a
†winning	115	5a	*wolf	21	
*winter	3,448	1a	*woman	1,759	1b
†winters	36		woman's	134	4b
*wintry	18		*women	1,665	1b
*wipe	24		women's	117	5a
*wire	2,525	1b	*won	689	2b
†wired	632	2b	*wonder	2,479	1b
*wireless	33		†wondered	403	3a
†wires	152	4b	*wonderful	2,848	1b
†wiring	83	5b	†wonderfully	195	4a
*wisdom	192	4a	†wondering	1,139	2a
*wise	635	2b	†wonders	57	
†wisely	55		*won't	2,371	1b
†wiser	45		*wood	422	3a
*wish	16,137	1a	†wooded	17	
†wished	1,195	2a	*wooden	115	5a
†wishes	3,110	1b	†woods	301	3b
†wishing	1,006	2a	*woodwork	25	
*wistful	14		*wool	254	3b
*wit	27		*woolen	21	
*witch	18		*word	2,757	1b
*with	106,784	1a	†wording	30	
*withal	25		†words	1,888	1b
*withdraw	122	4b	*wore	213	3b
†withdrawing	18		*work	22,191	1a
†withdrawn	62		†worked	1,110	2a
†withered	30		*worker	91	5b
*withheld	58		†workers	185	4a
*withhold	56		†working	2,969	1b
†withholding	24		workings	20	
*within	4,206	1a	*workmanship	73	
*without	9,680	1a	*workmen	25	
*witness	149	4b	†works	1,020	2a
†witnessed	30		*world	4,530	1a
†witnesses	67		*worldly	58	

World's

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Yielding

world's	78	5b	writer's	80	5b
†worlds	71		†writers	187	4a
*worm	36		†writes	287	3b
†worms	16		write-up	21	
*worn	322	3a	†writhing	45	
†worried	519	2b	†writing	7,825	1a
†worries	93	5b	writings	32	
*worry	1,045	2a	*written	6,478	1a
†worrying	86	5b	*wrong	1,715	1b
*worse	1,287	2a	†wrongly	19	
*worship	155	4b	*wrote	5,950	1a
*worst	651	2b	*wrought	63	
*worth	2,170	1b			
*worthless	92	5b	*Xmas	203	4a
worthwhile	39		x-ray	38	
*worthy	657	2b			
*would	55,183	1a	*yacht	35	
*wouldn't	1,319	2a	*yard	1,022	2a
*wound	45		†yards	605	2b
†wounded	109	5a	*yarn	47	
*woven	58		*year	16,438	1a
*wrap	62		yearbook	21	
†wrapped	71		yearling	25	
*wrath	12		*yearly	115	5a
*wreath	20		*yearn	29	
*wreck	156	4b	†yearning	23	
†wrecked	27		year's	325	3a
†wrecking	22		†years	6,471	1a
*wrench	62		years'	54	
*wrestle	26		*yeast	54	
†wrestling	25		*yell	69	
*wretch	32		†yelled	19	
*wretched	128	4b	†yelling	30	
*wring	13		*yellow	471	2b
†wrinkled	19		*yes	3,560	1a
†wrinkles	17		*yesterday	8,262	1a
*wrist	53		yesterday's	22	
*writ	40		*yet	11,803	1a
*write	20,248	1a	*yield	126	4b
*writer	3,399	1b	†yielding	61	

Yoke

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Zoölogy

*yoke	31	
*yonder	27	
*you	338,812	1a
*you'd	114	5a
*you'll	400	3a
*young	4,584	1a
†younger	278	3b
†youngest	138	4b
*youngster	88	5b
†youngsters	126	4b
*your	181,840	1a
*you're	158	4a

*yours	39,968	1a
*yourself	3,202	1b
yourselves	167	4a
*youth	386	3a
*youthful	70	
*you've	87	5b
*yrs.	28	
*zeal	43	
*zero	140	4b
*zone	49	
zoölogy	18	

CHAPTER V

DISCUSSION AND EVALUATION OF THE LIST

A. VALIDITY AND RELIABILITY OF THE LIST

From the nature of the data it is difficult to differentiate the problem of the validity of this list of words from the problem of its reliability. Both of these problems are therefore discussed together in answer to the question: With what assurance may we regard this list of 10,000 words to be the 10,000 words most commonly needed in adult writing?

It is, of course, possible that, because of the variety and amount of writing tabulated in this investigation, the resulting data are not greatly different from what would be found if a true and adequate sampling in a statistical sense were made. However, since the selection of the words in this investigation does not represent a true sampling in the statistical sense, it did not seem appropriate to make use of statistical procedures for estimating the reliability of these 10,000 words.¹ Such deficiencies as exist in the data from which these 10,000 words were selected result either from tabulating various types of writing in wrong proportions or in omitting the tabulation of some types which should have been included. For example, it was not possible to secure a large enough number of telegrams to make an adequate study of the vocabulary of this type of writing. Application to the Western Union for such material was unfavorably acted upon because there is a law which prohibits the company from giving access to such material. While it is probable that the omission of the vocabulary of telegrams is unimportant, the only way to remove this gap in the data is to secure a

¹ When the error of sampling was calculated for one division of the data and the results compared with the actual counts for other divisions of the data, it became clear that conclusions based upon such calculations would be very untrustworthy in the case of this investigation. A comparison of the frequency with which a word is found in any 100,000 running words with the frequency with which the same word is found in other groups of 100,000 running words also indicated that factors other than random selection had operated in accumulating credits for the word. Even among words of highest frequency the ratio of occurrence in two types of writing such as personal letters and business letters is far from constant. This bears out the conclusion reported by Kaeding for his counts of German vocabularies. (See Kaeding, *op. cit.*, 22 ff.)

large number of telegrams in some manner. Clearly, such deficiencies cannot be estimated or obviated by statistical treatment.

Therefore, appraisals of the validity and the reliability of the list must be made upon other bases, the chief of which are: first, the amount and variety of material tabulated; second, comparison with the vocabulary most commonly needed in reading; third, comparison with the vocabulary commonly needed in speaking; fourth, a comparison with the vocabulary of other languages; and fifth, the use of common-sense judgment.

1. EXTENT AND SPREAD

To those who know something of the tabulation of vocabularies, the best index of the validity and reliability of the list is, no doubt, the large number of running words included in the tabulation (5,136,816) and the number of different sources (65) from which the final credits were made up. Indeed, no statistical statement of reliability will convince those who are skeptical of the value of a given word quite so much as an examination of the detailed tabulation sheets, samples of which are shown in Tables 5 to 10. Obviously, the list is much more reliable than that compiled by the writer in 1922, since it is based on the analysis of nearly six times as many running words of adult writing and upon more numerous and better balanced types of adult writing than were included in the earlier compilation.

Many of the words in this list unquestionably would have a somewhat different rank if the various types of adult writing had been analyzed in different relative amounts, if a different system of weighting had been used, or if different rules for selecting words had been adopted. The reasons for the plan of weighting which was used and the reasons for the particular rules for selecting the list of 10,000 words have been discussed earlier in this monograph. The ideal way to decide the relative amount of each type of writing which should be tabulated would be to tabulate, for each type of writing, an amount of running words commensurate with the importance of that type of writing in life. Since there are no data to show the relative importance of the various types of adult writing, it is impossible to appraise accurately the rightness or wrongness of the proportion in which the sixty-five different sources or the nine main types of writing were taken.

A review of pages 24 to 40 will show the number of running words tabulated for each of the nine types of writing included in the final compilation. In reclassifying these nine types into three groups, according to the best estimate that the writer could make, the words needed in adult writing were tabulated in approximately the following proportions: about 48 per cent of the running words were from personal letters, about 44 per cent were from business and professional letters, and about 8 per cent were from such miscellaneous material as excuses and minutes of meetings. It is probable that such words as relate to college life have relatively heavier credits than they would receive from a count of various types of adult writing taken in just the proportion in which these various types of writing occur in life outside the school. It is possible also that more running words from business letters were tabulated than the importance of this type of writing to the average writer would justify. On the other hand, when it is remembered that misspellings in business are heavily penalized, perhaps these words should be given even greater weight than is accorded them in this list. It would have been desirable to secure letters from more types of business and to tabulate a larger number of running words for certain types. However, both in amount and distribution, the material tabulated was the best the writer could secure in the time and with the funds available for the investigation. Because of the amount and variety of the material tabulated, it is probable that the words in the list do not differ greatly for practical purposes from what would be obtained were these various types of writing tabulated in the exact proportion which each type makes up of the writing done by the average adult.

Obviously the justification of the rank of any word, or even its inclusion in the list depends upon the number and variety of credits it has. If one should represent the various frequency limits (see pages 55 and 56) as concentric circles, it is likely that the words inside the first few circles would remain there regardless of the amount of new material which might be tabulated. And yet the scoring of say 10,000,000 additional words of the same type of writing would undoubtedly make small changes in the relative position of some of these high frequency words. However, such changes would be very slight among words now ranked in the first thousand. In the next three or four thousand words the changes

would be larger and more numerous. Some words which are now near the boundaries of one area would unquestionably be moved to the adjacent area. Undoubtedly, a large additional count would replace many words now in the ninth and tenth thousand by other words now ranking in the eleventh thousand and beyond.

The data from the present investigation substantiate the statement by James Murray that "the circle of the English language has a well-defined centre but no discernible circumference".² To mark a circumference at just 10,000 words is, of course, arbitrary. This limit was chosen in order to facilitate comparison with the Thorndike list. Many words outside of this limit are known and used by children of six years of age. Among such words are *revolver*, *balloon*, *spit*, *acorn*, *bluebird*, *cobweb*, and *cupful*. On the other hand, of course, no child of six knows all the 10,000 words printed in this monograph.

2. COMPARISON WITH THE VOCABULARY OF READING

Because of the requirements of expressing thought in language, it is to be expected that the words most frequently needed in reading should afford a valuable check upon the words most frequently needed in writing. A comparison between the present list and the Thorndike list, therefore, should help to determine the general importance of the words in each list. A comparison between the two lists is hampered somewhat by the fact that certain derived forms are not reported separately in the Thorndike list and, also, by the fact that the system of assigning credits is different for the two lists. Moreover, many words in the Thorndike list receive heavy credits from types of literature which, because of the requirements of style, or because the literature was produced in past generations, might be expected to contain words not found in present-day adult writing. On the other hand, in the list of 10,000 commonest words in writing there are certain words which have a specialized use in writing letters, excuses, minutes of meetings, resolutions, or committee reports and which do not appear frequently in general reading aside from these special uses. In spite of these facts the two lists show a striking resemblance not only in the amount of overlap but also in the relative ranks of words in the two lists.

² Murray, James, A. H., Ed. *A New English Dictionary*. Oxford, Clarendon Press. Preface and General Explanations, page xvii.

An examination of the detailed list of the 10,000 words most frequently found in writing shows the degree to which these words are found in the Thorndike list either in the exact form in which they are printed in the list or in the form by which they could be built up by adding suffixes not reported separately by Thorndike. Of the first 5001 words most commonly used in writing, there are only 171 words which, under the rules adopted by Thorndike, would have appeared in his list but which are not there. If one counts as occurring in the Thorndike list all words found either in the same form or in some form in which they can be built up by adding suffixes not recorded separately by Thorndike, a comparison between the two lists will produce the data given in the following table:

NUMBER OF WORDS IN EACH FREQUENCY GROUP OF THE 10,000 WORDS MOST COMMONLY USED IN WRITING WHICH ARE IN THE THORNDIKE LIST EITHER IN THE SAME FORM OR IN SOME FORM FROM WHICH THEY CAN BE BUILT UP BY ADDING SUFFIXES NOT RECORDED BY THORNDIKE

Frequency Groups		Number of Words Found
1-500	1a	500
501-1000	1b	496
1001-1500	2a	497
1501-2001	2b	496
2002-2501	3a	485
2502-2994	3b	474
2995-3500	4a	482
3501-3997	4b	468
3998-4495	5a	467
4496-5001	5b	465
1-5001		4830
1-10000		9014

Of the words found in the present list in a form in which they would have been reported separately by Thorndike, all but 171 of the first 5001 words and all but 986 of the entire 10,000 words appear in the Thorndike list.

Since Thorndike did not report certain derived word forms separately, but assigned their credits to their base forms, it is to be expected that in his list many base words of relatively low frequency would take the place of the derived forms reported in the writer's list. Six thousand two hundred eighty-two words in the Thorndike list appear in the writer's list of 10,000 words either in the same form or in a form not scored separately by Thorndike. There are but 475 words in the Thorndike list, excluding proper names, which do not appear at all in the writer's list of 36,373

words either in the same form or in a form not scored separately by Thorndike.

This overlap between these two lists is significant in view of the difference in the types of material analyzed, as well as the difference in the method of tabulating derived forms, and constitutes a substantial validation of each of the two lists.

3. COMPARISON WITH THE WORDS MOST FREQUENTLY USED IN SPEAKING

Further evidence of the basic importance of many of the words in this list is obtained by comparing it with such counts as are available of the words most frequently used in speaking. Data for adult speaking vocabularies are meager. There are now available more than 600,000 running words of the spoken vocabulary of young children. A tentative comparison of the spoken vocabulary of children and the written vocabulary of adults shows a very large overlap. Indeed, a comparison of such data as now exist for reading, speaking, and writing vocabularies indicates in the writer's judgment that, if equal and adequate samplings from these three types of vocabularies were tabulated on the same basis, a comparison would show that the words of these vocabularies overlap to a very much greater extent than usually has been assumed.

4. COMPARISON WITH OTHER LANGUAGES

Certain comparisons have been made between this list and the words most commonly used in French and in German. These comparisons have been undertaken in the belief that the fundamental language needs in each of these two great foreign languages are approximately the same as those in English. When a meaning for which an English word stands is also found embodied in a French or German word in a scientifically determined vocabulary list, some degree of validation results for the English word.

For the data on French vocabularies the Henmon³ list was used. This list, while much less extensive than the present study or the Thorndike study and while based only in small part on adult writing needs, is, nevertheless, the best available list in French for the purpose.⁴

³ Henmon, V. A. C., *A French Word Book, Based on a Count of 400,000 Running Words*. Madison, Wis. Bulletin of the Bureau of Educational Research: University of Wisconsin, Study No. 3, 1924.

⁴ See also Ward, C. F., *Minimum French Vocabulary Test Book*, Macmillan, 1926.

For comparison with the words most frequently used in German the Kaeding⁵ word list was used. This is a most thorough and scholarly analysis of widely varied sources of German writing, aggregating nearly eleven million running words. This total includes a million running words of correspondence. It will be seen that this investigation is roughly equivalent in extent to the writer's investigation and Thorndike's investigation combined.

Satisfactory comparisons between the vocabulary of adult writing and the vocabulary of either the Henmon or the Kaeding list cannot be made because of the fact that in none of the lists have words been tabulated according to differences in meaning. For this reason the translation of the words of one list into another language is completely satisfactory only in the case of a few of the words. The data resulting from these comparisons are therefore limited in value. Nevertheless, comparisons have proved useful. For example, when the list of words most commonly used in writing was arranged in order of frequency, it was noted that the noun with the largest credits was *time*. Reference to the Kaeding list showed that the commonest noun in German is *Zeit*.

Such comparisons as have been made on the basis of the present word lists in these three languages seem to warrant the prophecy that when adequate counts have been made for these languages according to word meanings, a comparison between these word meanings in any two of the languages will show a very great overlap.

5. COMMON-SENSE JUDGMENT

There is perhaps a certain validation which comes from a common-sense judgment of the importance of the words in the lists. With a few exceptions the words in this list impress one as words likely to be needed. To be sure such judgments have decided limitations, and yet these limitations are not such as to prevent the conviction of the greater worth of words like *referred*, *business*, *accommodation*, and *judgment* (taken from the first 5000 of the present list and frequently misspelled), as compared with *abattoir*, *acciaccatura*, *Houyhnhnms*, or *archimandrite* (taken from Sonnenschein's *Five Thousand Words Frequently Misspelt*).⁶

⁵ Kaeding, F. W., *Häufigkeitswörterbuch der deutschen Sprache*. Steglitz bei Berlin, Selbstverlag des Herausgebers, 1898.

⁶ Sonnenschein, William Swan, *Five Thousand Words Frequently Misspelt*. New York, E. P. Dutton & Co.

In closing the discussion on validity and reliability it may be well to point out again which figures are estimates and which are actual counts. The totals given for the number of running words for the whole investigation and for each section of the new investigation are estimates based upon the actual counts in the writer's compilation of 1922. The credits for the 372 words which appear in italics in the alphabetical list in Chapter III are estimates. The methods by which these various estimates were made are described in Chapter II.

The number of different words represents an actual count and not an estimate. The credits for all words not printed in italics also represent actual counts and are in no sense estimates.

B. ADDITIONAL INVESTIGATIONS WHICH WOULD ADD DATA OF VALUE

Additional investigations of the same types of writing which were analyzed in the present investigation and in similar proportions probably would have little influence in changing the list of 10,000 words as printed in this monograph except in the case of words of relatively low frequency. Additional investigations will yield the most profitable returns if planned, not to duplicate this investigation, but rather to secure types of data which are represented in this investigation either not at all or very inadequately.

1. NEW COUNTS WHICH SHOULD BE MADE

- a. *For purposes other than spelling a count in which grammatical and definitional distinctions are recorded*

This is of basic importance for both reading and composition. It is also of great importance in comparing the vocabulary in English with that in one or more foreign languages.

- b. *The vocabulary of all important types of letters of application*

The penalties incurred for misspellings in letters of application make it very important to discover the commonest words used in each of the important types of such letters. The data given in this monograph constitute but a beginning of the solution of this problem.

- c. *The vocabulary of each of the chief classes of business*

While the counts in the present investigation are sufficiently extended (26 classes of business, and 1,538,487 running words) to

afford the basis for determining a general business vocabulary, the counts for each business are not large enough in most cases, to show in a reliable way the vocabulary for that business. A large count for each main class of business would afford a basis for special vocational lists.

d. *The vocabulary of children's letters*

A more adequate count is needed of the vocabulary of letters of children at different ages.⁷

e. *A more adequate count of the words in letters of past generations*

This count would make it possible to show how much the vocabulary of letters changes from generation to generation, and would give valuable data to show what words seem to be permanent in value.

f. *The vocabulary of formal notes, invitations, acceptances, and regrets*

These are represented very inadequately in the present investigation.

g. *Possibly, the vocabulary of papers such as are prepared to be read before women's clubs*

Although these papers are often little more than paraphrases of books dealing with the subjects upon which the papers are written, they are not infrequently passed from club to club, or at least are read by individuals other than the one who prepared the paper. It is therefore important that such papers contain no spelling errors.

h. *The vocabulary of telegrams*

It seems likely that no words would be found in telegrams which have not been found in correspondence. On the other hand, it is possible that the condensed nature of this form of communication necessitates the use of certain words not commonly used in letters. Perhaps the Western Union can ultimately be induced to make this study through its own employees. If not, it may be possible to collect telegrams from a large number of individuals.

i. *The vocabulary of memoranda, especially where the material written is to be read by others*

j. *A comparison of the writing vocabularies of men and women*

⁷ Such a study has been begun by W. C. French. See Department of Superintendence *Fourth Yearbook*. 1926. Pp. 144-145.

As a result of their investigation, Cook and O'Shea⁸ make the following statement: "It is predicted that adjustment of elementary-school courses to sex needs will sooner or later cause some differentiation in spelling work required of boys and girls." It would be worth while to make a more extended investigation in order to discover what justification, if any, there is for this conclusion.

k. *The vocabulary of sales slips*

This investigation should include sales slips from the leading types of business.

These eleven suggestions have purposely been limited to investigations which would create new data on words needed in the writing done outside the school. More satisfactory data are needed also on the vocabulary used in the important types of transitory school writing, such as themes and examinations.

The vocabulary of speaking should also be more adequately measured. We have fairly satisfactory counts for children of five years old, but the data for older children and adults are meager.

2. INVESTIGATIONS NEEDED FOR FURTHER INTERPRETATION OF EXISTING DATA

A great many studies are also necessary to interpret and organize such data as are embodied in the present list of 10,000 words and in the Thorndike list. For example, Mary Anderson has just completed a study of the comparison of the adjectives in this list of 10,000 words. She made a count of all the adjectives in this list, and in addition found the sum of the total frequencies with which these adjectives were found in the investigation. The number of positive, comparative, and superlative forms was counted separately. All adjectives in the list were then used in a test in elementary schools to discover (a) whether or not children knew the correct method of comparing each adjective, and (b) the degree of spelling difficulty encountered in comparing adjectives when *er* and *est* are added.⁹

Another study, nearing completion, has for its purpose the deter-

⁸ Cook, W. A., and O'Shea, M. V., *The Child and His Spelling*. Bobbs-Merrill Company: Indianapolis, Ind. Pp. 235-241.

⁹ Anderson, Mary Cordelia, *A Study of the Spelling Difficulties in Connection with the Comparison of Adjectives*. Master's thesis, University of Iowa, Iowa City, 1926.

mination of the exact nature of vocabulary differences, if any, among different localities in the United States.

Marion Anderson¹⁰ has completed a comparison of the vocabulary of gifted writers with that of ordinary persons, in order to determine the possible use of the vocabulary of gifted writers as a measure of good usage.

These are but samples of a very large number of investigations needed for the full interpretation of such data as are now available.

C. USES OF THE 10,000 COMMONEST WORDS IN WRITING

1. VALUE IN IMPROVING THE TEACHING OF SPELLING

The chief contribution of this word list is to the improvement of instruction in spelling. It contributes directly or indirectly to the solution of each of the four main problems in teaching spelling. First, it affords a scientific basis for selecting the words to be taught; second, it furnishes an important part of the data by which the course of study can be properly graded; third, it makes possible the practical solution of many problems in method; fourth, it furnishes a scientifically determined list of words upon which spelling scales and tests may be constructed.

a. *The Selection of Words to be Taught*

The data given in this list help to solve two questions: (1) the relative value of words for the purpose of curriculum making, and (2) the number of words which should go into a course of study. One measure of the relative value of the various words, that of frequency of use, is clearly indicated in the printed table.

The data given for the various words are very important for the purpose of determining how many words to teach. In attempting to determine how many words should be included in the course of study in spelling one must take into consideration, first, the relative value of the words to be taught, and second, the time required for teaching any given number of words. The relative value of the words must be measured not only in terms of the subject of spelling but also in terms of the values of items in other subjects. Practically, the question may be stated in the following form: What is the limit beyond which the values resulting from learning to spell

¹⁰ Anderson, Marion Agnes, *A Measure of the Quality of the Adult Writing Vocabulary*. Master's Thesis, University of Iowa, Iowa City, 1926.

any additional number of words are less than those which would result from the same amount of time devoted to some other subject? It is clear that, other things being equal, the most important words should be chosen first in making the course of study in spelling. It is also clear that, since words are taken in order of importance, each succeeding group of words will be less important.

When the 36,373 words of the present investigation were arranged in order of frequency, a study of the resulting table showed clearly how the law of diminishing returns operates in the subject of spelling. After a thousand words are taught, the addition of each group of approximately one thousand words adds a very small percentage to the number of running words which can be spelled by the learner. For example, the student who knows how to spell the 4000 commonest words adds only slightly more than one per cent to the number of running words which he can spell by learning an additional thousand words. Since many of the words are easy, this thousand could probably be learned in a year by a class studying fifteen minutes a day. Is the addition of one per cent to the spelling ability of a student sufficient to justify the expenditure of this amount of time? It will be seen immediately that in order to answer this question satisfactorily one ought to have for other subjects tables of diminishing returns comparable to the data which we now have for spelling. Unfortunately we do not have such data for any subject other than spelling. Such data have been made possible in spelling, first, because of the relatively simpler problem involved in applying scientific methods to evaluating the items in this subject, and second, because of the relatively greater amount of research which has been done in making the curriculum in this field. The best that can be done until better data are available for other subjects is the use of the method of judgments.

But no matter what number of words be decided upon as appropriate in the course of study, that number should be taken in order of importance. The curriculum maker who believes that 1000 words are sufficient should take from the list the 1000 words of highest importance. If 5000 words are needed, this number should likewise be chosen in order of usefulness. The full list of 10,000 words seems likely to be extensive enough even if spelling is to be taught throughout the junior and senior high school.

In using this list in making textbooks and courses of study in

spelling and composition, it must be kept in mind that the frequency of the use of the word, which is the best measure of its probable future use, is only one measure of the importance of the word. It is a fundamental principle in making the curriculum in any subject that there are two types of measures of the importance of subject matter: first, that of the frequency with which subject matter is needed in life, and second, that of the cruciality or value attached to each of the occasions when the material is needed or used. Spelling illustrates this admirably. The data resulting from the present investigation provide a satisfactory measure of the factor of frequency of use. However, it is clear that one must take into consideration other factors which measure the importance of a word in terms of cruciality. For example, the word *recommend* and the word *luck* have the same credits in the list of 10,000 words. As measured by frequency, the importance of these two words is the same. *Luck*, however, is misspelled by but one eighth grade child in a hundred, while *recommend* is misspelled by forty-six eighth grade children in a hundred. It is clear that to omit *recommend* from the course of study in spelling is much more serious than to omit *luck* since *luck* would probably be learned incidentally. The spelling difficulty must therefore be taken as an additional measure of the importance of a word. Moreover, the word *luck* is used chiefly in personal letters in which the penalties for misspellings are very light, while *recommend* is used most frequently in business letters and in letters of application in which the penalties for misspellings are very severe.

The data given in this monograph may be used as the index of frequency for the 10,000 commonest words. It should be kept in mind, however, that the credit assigned to the various words in this monograph has a significance beyond that accruing from the mere number of times the words were found. The sources of writing chosen for analysis were selected so as to provide data on the geographical distribution of each word, its distribution according to types of writing, and to a considerable extent its distribution according to time. Reference to Chapter II will show not only that these three types of distribution operated in the proportion in which the various sources were chosen, but also that the system of weighting used was such as to give additional importance to words which were widely distributed through the various types of writing.

Data are now available in the spelling scales, published and unpublished, by which the spelling difficulty as a measure of importance may be obtained. The detailed tabulation sheets, of which samples are shown in Tables 5, 6, 7, 8, 9, and 10, show the types of writing needs in which each word is most frequently found, and therefore provide to some degree an indication of the penalties which may be expected to be imposed for misspelling any given word.¹¹

b. *Grading the Course of Study*

The four principal factors which should be considered in grading the course of study are (1) the probable future importance of the word in the writing done in life outside the school, (2) its spelling difficulty, (3) its occurrence in the child's vocabulary, (4) its probable use by children in the writing done by them during each school year. Additional minor factors are (1) the probable future importance of the word in reading done in life outside the school, (2) the probable use of the word in the reading done by children during each school year, and (3) the phonetic or unphonetic character of the word. This list furnishes the data for the first of the four principal factors and, since it is the words in this list that must be graded, makes possible the research necessary to the utilization of data concerning the other three principal factors as well as the data concerning the three subordinate factors.

c. *Improvement of Methods of Teaching and Studying Spelling*

Many problems involved in improving methods of teaching or studying spelling can now be attacked adequately for the first time. For example, it has not been possible in the past to determine satisfactorily what the results would be if the spelling period were omitted, and if spelling were taught only incidentally in connection with the written work done in the school. If one assumes that the measure of efficiency in instruction in spelling in the school, incidental or otherwise, is the degree of accuracy with which the child can spell the most important words likely to be written in life outside the school, then it is the words of this list which must be used as the final measure of any type of instruction. There are many other problems which cannot be solved without such data as are

¹¹ All detailed tabulation sheets are on file at the State University of Iowa and will be made available, with the permission of the author, to those who wish to use them for additional research. These sheets cannot, however, be sent away from the University.

presented in this monograph. One of these problems is that of determining whether or not derived forms of words should be taught. It is clear that one must find out first what these derived forms are, the frequency of the use of the derived forms, and the degree to which pupils who have been taught the base words can, without additional instruction, spell the derived words. A third problem that may now be attacked satisfactorily is that of determining which spelling rules, if any, can be taught with profit. The first step in such an investigation is obviously to inspect the present list in order to see the number of words which fit the rule, and the number of words which are exceptions to it. These are but samples of scores of problems in the improvement of learning which are bound up so intimately with the nature of the words to be taught that the problem of method cannot be satisfactorily solved without such data as are given in this monograph.

d. *The Improvement of the Measurement of Spelling Ability*

In selecting lists for spelling contests, for examinations, and even for the scientific construction of spelling scales, care has not always been taken to include words of known value in the writing done in life outside the school. And yet it is clear that there is little or no value in testing the ability of children to spell words which they will probably not need to spell. Great injustice is often done in measuring the spelling ability of a pupil or in measuring the efficiency with which spelling has been taught in a school by using as a test words which neither are nor should be in the course of study. The data given in this monograph constitute an important part of the measure of the probable social importance of a word, and are, therefore, indispensable for the construction of valid tests or spelling scales. It seems likely that the full list of 10,000 words is ample for the construction of any spelling test to be used in a practical way in the school, with the exception of those made for purposes of special experiments.

2. THE IMPROVEMENT OF DICTIONARIES

Without question the data from this investigation, combined with the data from the Thorndike investigation, and the data from the investigations of the spoken vocabulary, make possible the very marked improvement of dictionaries, and particularly those which are prepared for school use. The various problems involved in

utilizing these data for the purpose of dictionaries cannot be discussed in this monograph. It is obvious, however, that these data which show the commonest reading, writing, and speaking needs are invaluable for the selection of the words which are to be treated in the dictionary as well as in preparing definitions. The more restricted the dictionary is in size, the more important it is to have access to just such data as are given in these three types of investigation.

3. VALUE IN TEACHING ENGLISH TO FOREIGNERS

Combined with the Thorndike list and with lists now available from investigations of the spoken vocabulary, this list should be of great value in teaching English to foreigners. Computations based on these lists lead to the conclusion that the first 500 words common to these three lists make up with their repetitions between three-fourths and four-fifths of all of the running words used in the language. The student who learns these 500 words will therefore know nearly four out of five of the running words which he needs in reading, speaking, or writing the English language. Clearly such a list of words is of basic importance in teaching the English language to foreigners.

4. CONTRIBUTIONS TO THE GENERAL THEORY OF CURRICULUM MAKING

One of the most important uses of this monograph as a whole is to stimulate more precise thinking concerning the more important problems involved in making the curriculum.

A large number of the issues raised in this monograph belong in principle not only to spelling but also to other subjects in the course of study. The discussions of the basic problems in curriculum making found in books and in periodicals are often almost wholly of a merely theoretical or speculative character. The data of the present investigation help bring some of this speculation down to solid ground. Mention already has been made of the manner in which the data in this monograph illustrate the necessity of considering both frequency and cruciality as measures of importance of subject matter. Among the many other problems upon which these investigations throw light, not only for spelling but also for the curriculum in general, are: the determination of the

degree to which courses must be adapted to different communities, the determination of the degree to which vocational needs are specialized, and the discovery of the amount of change which will be made in the course of study from generation to generation.

5. THE VALUE OF STIMULATION TO FURTHER RESEARCH

Finally, the writer is glad to follow the fine example set by his former teacher, Professor Edward Thorndike, in ending the discussion of his own investigation,¹² in which he says, "One chief service of *The Teacher's Word Book* will be to aid in the production of some much better list, from wider counts, to replace it." On pages 190 to 193 of this monograph the writer has attempted to indicate the ways in which, in his judgment, the data from the present investigation may be best supplemented. The degree to which these data may be made the basis for further investigations is one of the best measures of the usefulness of this monograph.

¹² "Word Knowledge in the Elementary School" by E. L. Thorndike, published in the *Teachers College Record* for September, 1921.

APPENDIX

PART 1

WORD FORMS WITH A FREQUENCY OF 15 OR MORE WHICH ARE NOT INCLUDED IN THE LIST OF THE 10,000 MOST IMPORTANT WORDS OF THIS INVESTIGATION

The following list includes all words with a credit of 15 or more in the present compilation but which are not included in the list of *10,000 Words Most Commonly Used in Writing*. The words not in italics are excluded because they did not meet the requirements of the rules for selecting the list of commonest words (see pages 50 to 53). Words in italics, although meeting the requirements of these rules, are excluded from the list for other considerations which are enumerated in Part 3 of this appendix. Words which are in the Thorndike list have an asterisk in front of them. Words preceded by a dagger, while not in the Thorndike list in the same form, are in his list in a form from which they can be built up by adding endings not scored separately by him. Many of the words preceded by a dagger (†) are represented among the *10,000 Words Most Commonly Used in Writing*, in the base form which appears in the Thorndike list.

†abated	15	†allowances	15	author's	16
*abbey	18	allude	21	†awfulest	33
*abject	16	†alternates	15		
†abstracts	15	altho	238	bakeries	16
†absurdly	18	†amending	17	baronet	16
accountants	20	†ancients	22	†beaded	17
†acknowledges	18	†anecdotes	15	†beasts	23
acquiesce	18	*anew	15	*beaver	18
acreage	17	annexation	20	†beers	21
†adorned	23	another's	19	beginnings	18
advertisers	15	anymore	79	†begs	17
†advertises	19	†appliances	19	*bin	27
affectation	18	†apprehensions	18	†blacks	18
affix	15	†arches	19	†blazing	16
*afterward	113	asbestos	20	†bleached	18
agent's	17	†assailed	16	*bleak	15
†agreements	25	†assurances	18	†blocking	17
*ague	15	†attested	17	†bonded	18
†airs	15	†attitudes	15	†booking	33
*alacrity	15	attorney's	17	bookseller	23
†alarming	17	*audible	15	booksellers	15
*alderman	19	auditors	20	†bounding	16
†allies	40	authorization	17	†brands	28

†breathed	15	commentary	15	†dedicated	19
brokerage	17	commitments	15	†defeats	16
buckram	44	*complement	46	*defensive	16
<i>bum</i>	144	†completes	21	deference	17
†bumpers	18	*composure	15	†defined	19
*bushing	23	compressor	22	*degrade	16
†bushings	18	†conductors	16	†delights	19
		confiscation	16	deplorable	19
†cables	15	†confounded	15	†depositing	20
cactus	21	†constructing	32	derrick	22
†calendars	25	consummate	20	derricks	16
†camped	16	*container	16	*despatch	30
*cannon	19	†containers	17	†despatched	19
†capas	15	†contending	21	†despised	24
†captured	21	context	15	despotism	16
carloads	21	contraband	18	†destroyers	15
†carriers	20	*contradiction	15	detachable	15
carriers'	20	†controlling	19	*detestable	15
†cashiers	19	†conversing	22	*diagram	17
cashier's	17	conversion	21	†dictating	16
casings	18	†conveying	20	differential	20
'cause	53	†convictions	15	†dimly	19
†cautiously	15	cooker	15	disability	24
*chancellor	24	corporate	23	*disc	21
*chaos	15	†corresponds	17	†discounting	17
†charts	24	†corsets	15	discrepancies	16
*chasm	17	coverage	16	†discusses	15
†cherished	20	†crackers	15	disengaged	17
*chick	67	†crated	18	disinterested	17
†circuits	18	†crates	16	†disorderly	19
†clamps	17	creosote	15	†dispatches	75
classy	23	†criticizing	17	dist.	17
†cleaners	23	†crowns	18	distracted	21
†clears	19	*cruise	16	dorm	24
*clergyman	15	cut-outs	17	†doubting	16
†cliffs	21	cwt.	16	*drapery	18
†clocks	15	†cylinders	31	drawee	20
C. & N. W.	18			†drenched	16
†coached	17	damnable	16	†drilled	16
†coaxed	15	†darker	15	†drugs	19
coed	15	†dawned	15	*duke	18
coincide	15	debtor's	17	*dullness	16
†colonies	19	†debtors	23	dumb-bell	19
†combs	16	†deceived	21	duplex	18
†comforts	21	†decreasing	17	†duplicating	16

*earnestness	15	†fatigued	19	<i>half-past</i>	26
†economically	18	†feeds	24	halfway	22
†effectually	16	fig.	20	†halves	15
electrotype	16	†fillers	19	* <i>hath</i>	24
electrotypes	16	fittings	25	†heaters	28
eliminates	15	†flanges	19	heroine	21
*emancipation	15	<i>finch</i>	17	† <i>hindered</i>	15
†embassies	16	†flowering	15	*hod	27
*embassy	19	*flush	18	†hoists	16
†embodying	16	follow-up	15	holdings	15
†embraces	17	†fondly	16	hours'	22
†enabling	18	*forbearance	15	H. P.	16
†enameled	15	foreclosure	22	<i>H. S.</i>	23
†enchanted	15	forensic	15	humiliating	15
encl.	69	*forsake	15		
†encloses	21	†fortunes	22	icing	22
encyclopedia	17	forty-six	15	†idiots	16
*endanger	16	<i>frat</i>	46	ill-natured	15
*engrave	18	† <i>fraternities</i>	19	*illusion	17
*engraver	16	*frontier	18	immaterial	15
†engrossed	15	<i>frosh</i>	30	*immortality	15
† <i>enlightened</i>	15	*fruitful	15	impertinent	22
*enmity	16	†furiously	16	†implements	19
†enormously	21	†furnaces	15	imprint	21
†entries	23			imprinted	23
enumerated	15	*gag	27	inactive	22
*epic	18	*gal.	15	† <i>incidentally</i>	20
epistolary	15	<i>galore</i>	15	* <i>inclose</i>	180
†equals	18	garnet	18	† <i>inclosed</i>	419
†escapes	15	*garret	17	† <i>inclosing</i>	420
et al	16	<i>gee</i>	378	incorrectly	21
everybody's	21	gen.	22	†indexed	15
†exalted	24	† <i>generals</i>	25	† <i>indifferently</i>	16
<i>exam</i>	116	*geographical	15	<i>indorsed</i>	26
<i>exams</i>	439	†glimpses	18	inexplicable	15
* <i>excellency</i>	24	government's	16	†infallibly	16
*exclude	17	†governors	17	*infamous	19
†exertions	17	†graces	22	*infamy	17
†experimenting	16	†grains	15	†infants	19
exploitation	15	*grandeur	19	†infirmities	16
expressage	18	†grouped	20	*ingenious	17
		†groves	20	†injuries	18
†fabrics	40	†guineas	16	†inserting	15
†fading	17			†insures	17
†fancied	16	† <i>haired</i>	18	<i>interclass</i>	16

*interpreter	17	manufacturer's	16	†packets	15
†interruptions	15	†manufactures	24	†pails	32
intimacy	20	†marbles	16	parasite	15
†intoxicated	20	<i>math</i>	62	†parcels	21
intrinsic	15	† <i>maxims</i>	15	*parliamentary	17
*irresistible	16	†meanest	15	†participating	17
it 'll	15	meanness	16	*patriot	15
		†merchandising	28	pes.	16
*jersey	18	*mesh	19	pecuniary	17
†jewelers	18	mfgr.	22	*pedant	15
†jobbing	24	†mightily	16	†peers	18
journalist	15	†milling	23	penetration	21
		†miseries	16	penitentiary	17
<i>king's</i>	31	<i>misunderstandings</i>	15	pep	27
		†modestly	17	<i>peppy</i>	23
†larks	15	months'	15	perforated	16
*lawless	18	†monuments	15	*peruse	15
lawlessness	19	moo	27	†petticoats	17
lax	27	†muse	19	†philosophers	19
leaflets	23	†mysteries	18	photographic	19
†leaning	17			†pillars	15
†lecturing	15	†narrower	15	*piston	15
legalized	16	†natures	16	†plantations	16
legation	18	N. E.	31	†plated	15
†legends	15	necessitated	17	†playthings	15
†lengthened	15	necessitates	18	† <i>pleasanter</i>	15
lin.	24	†newest	24	†plugs	20
*lineal	16	†noblest	20	P. O.	15
liners	16	†nominating	19	†portraits	15
linings	18	nominee	17	†possessing	21
*linseed	17	*northward	18	postdated	16
†lions	17	notary public	16	† <i>pots</i>	15
livestock	18	†novelties	20	*powerless	16
†locations	18	†nurseries	17	†preaches	15
†lodgings	22			*precipice	15
†loosing	18	*oat	80	†premiums	24
†lords	22	*oblivion	18	prepaying	18
*lordship	16	*odious	18	<i>Prin.</i>	15
ltd.	16	offerings	31	† <i>princes</i>	27
lugs	19	*oneself	19	proficiency	15
*lust	16	†opponents	17	†profoundest	18
<i>lye</i>	117	other's	22	<i>profs.</i>	22
		*outlaw	18	† <i>prohibited</i>	15
*malady	16	†outlived	16	<i>prom</i>	44
manager's	18	overcharged	24	prominence	16

†prominently	18	respt.	20	†snakes	15
proportionate	16	†restoring	18	*snuff	19
prospectus	15	retailer	19	*socket	18
†protects	17	reversible	18	†sockets	21
pro tem	16	revisions	15	solicitude	21
*pug	27	†richer	19	†sonnets	15
†pulls	15	†rivals	15	†soothing	15
*pulp	15	†roaring	20	sophomores	17
†purchasers	42	†robes	17	†sparrows	17
†puzzles	15	*rook	16	†specials	25
		†rowing	16	†specialties	33
†quarrels	19	R. R.	15	†spectacles	15
questionnaires	19	*ruinous	15	splint	19
†quickest	19			†stanzas	20
		safe-keeping	16	†staves	17
†ranges	26	salable	24	*steamboat	18
*rapture	17	salesman's	18	†storing	15
†razors	19	salesmanship	24	†storming	15
re	20	salesmen's	22	†strips	18
real estate	18	*saver	29	structural	19
rearrangement	16	saving's	15	stub	18
reasonings	20	†scored	15	suction	15
*rebel	16	†scraps	21	*sullen	15
†rebels	15	†seams	19	†sunsets	18
†rebuilding	15	seamstress	20	*superstition	15
receivable	21	*seashore	16	supplementing	15
rechecked	16	†sellers	23	supplements	20
reciprocal	15	*selves	15	suppression	19
†recited	15	†separators	20	†surgeons	20
recurrence	15	*server	18	†surrendering	15
reënforcement	17	*severity	16	†surveys	15
†refining	28	†shafts	23	†sweets	15
†reflecting	16	†shaken	20	†switching	19
†refrigerators	20	*sham	15		
regenerate	15	†sheeting	18	†taller	16
reimbursed	20	†shifted	15	teamster	15
reimbursement	17	†shillings	17	†telephones	15
reinforced	15	shipper's	16	†telephoning	15
reinforcement	17	†shouts	17	†tempered	18
reorder	26	†shovels	19	†terminals	23
*repentance	17	†silks	19	territorial	19
repulsive	18	†singularly	19	*testament	15
requisitions	32	†sins	20	testimonials	15
resale	16	*sixpence	17	*thankfulness	15
†resembling	17	*skull	15	thirty-first	20

* <i>thro'</i>	15	undelivered	18	vivacity	19
†throats	17	undercharge	18	†volts	16
<i>thru</i>	679	unearned	15	†volunteers	18
Thurs.	16	†unhappily	15	*voter	23
<i>timers</i>	21	†unloading	26	vs.	16
*tolerable	19	unutterable	16		
†tombs	15	*unwelcome	17	†warehouses	20
to-morrow's	15	unwell	17	†warmly	16
tong	18	†upwards	15	warranty	21
†tongues	15	user	21	†washers	27
to-night's	15	users	17	waterway	15
*toot	15			waterways	19
*tranquil	15	*vale	16	waybill	26
*tranquillity	15	†valentines	15	*wayside	16
*transact	19	<i>varsity</i>	19	†wets	20
transcontinental	16	velvety	22	†widths	18
†translating	15	*veranda	17	†winged	19
†transmitted	17	verification	16	†wisest	16
†travelers	22	versification	18	*wolves	16
†trembling	19	vestibule	19	*wont	17
*troop	17	†vests	31	workingman	16
†tropics	22	†veterans	22	†wounds	15
		†vexed	18	*wrapper	18
unaffected	15	virtuous	19	†wrapping	17
unclaimed	18	vitality	16	†wrongs	21

PART 2

SUBSTITUTIONS

It will be seen that occurrence in the Thorndike list was an important factor in choosing these marginal words. A study of the data in the detailed tables for words of a frequency of 14, 13, 12, and 11, as well as for some words of a higher frequency but not meeting the requirements of the rules, indicated that the spread of the credits for certain words which also have large credits in the Thorndike list warranted the substitution of these words for derived forms having the frequency of 15 or less and having also their base forms in the list. The words which are thus substituted are shown in the following list. This list should be read: *aisle*, which is in the second half of the fifth thousand of the Thorndike list was found 11 times in adult writing, 8 times in personal letters, and 3 times in the Composite List. It was found in the personal letters of 3 geographical divisions (see p. 29). For the meaning of the symbols used in this list, see Table 10.

	absurdity	20—L16-P4	L5
	ad.	30—B26-N3-M1	B4
5	*afire	14—P10-N1-C3	P3
5b	*aisle	11—P8-C3	P3
8	*amen	13—L2-P10-N1	P3
9	*arbor	12—B1-L2-P8-N1	P4
4a	*array	14—L5-P3-N6	
	arrears	34—B30-L2-P2	B5
2b	*arrow	12—B1-L4-P6-N1	
4b	*assault	18—B1-L14-P2-N1	L4
	Asst. (a)	37—B36-P1	B5
5b	*astonishment	15—L14-P1	L5
	†attendants	14—B7-L1-P3-N3	
4a	*awe	13 (Not tabulated in new investigations)	
8	*axle	16—B12-P4	B3
	bacteria	17—B12-L1-P2-N1-S1	B3
	*badge	14—L1-P12-M1	P4
5	*bale	8—B14-P4	B6
7	*balmy	12—L1-P10-C1	P3
4	*banjo	13—L1-P12	P3
5b	*barbarous	14—L12-P1-N1	L4
3b	*barren	14—B2-L8-P1-N2-C1	L3
3	*bathrobe	14—P14	P3
3b	*beheld	19—L16-P3	L4

2a	*bend	14—L2-P5-N1-S1-C5	
8	*bias	12—B3-L1-P6-S1-C1	
3a	*blacksmith	17—B14-L1-P1-N1	B3
5b	*blindness	19—L18-N1	L5
4	*boarder	13—B1-P5-N1-C6	
5b	*boon	13—B2-L8-P2-N1	L3
5b	*bran	13—B4-L3-P6	
3b	*breadth	14—L8-P2-A4	L4
5	*breezy	13—L2-P10-N1	P3
4	*brevity	13—L2-P10-A1	P4
5b	*bridal	12—B1-L1-P10	P3
	broadcasting	19—B16-P3	B5
4a	*bruise	11—B5-L1-P1-N1-C3	
9	*buckle	14—L1-P12-N1	P3
	†bulbs	22—B20-L1-M1	B4
4	*bumper	15—B10-P3-N2	B3
6	*canary	14—B4-P10	P4
3	*candor	17—L12-P4-N1	L3
3	*cartoon	17—B1-P1-S1-C14	C2
	casing	21—B16-P3-A2	B4
8	*casual	12—B4-L1-P3-A1-N2-S1	
	cello	14—B2-P12	P3
3	*characterize	13—B4-L2-P6-N1	
7	*checkers	13—B1-P12	P3
3b	*chestnut	18—B2-L16	L5
4b	*chip	12—B5-L1-P3-N1-C2	
4a	*choke	16—L12-P1-C3	L3
6	*chord	13—B7-L3-P2-A1	
	clearance	21—B20-P1	B5
5a	*cling	18—B1-L14-P1-N2	L5
	clinic	13—B2-L2-P3-N1-E1-S3-C1	
3b	*cluster	12—L8-P4	L4
8	*coconut	18—B2-L14-P2	L3
3a	*colt	14—L1-P3-N1-C9	C2
	conceivable	21—B1-L18-N2	L5
	confinement	16—B1-L12-P3	L4
5a	*consequent	16—L12-P1-N2-S1	L4
	consolidation	45—B40-P1-M3-S1	B5
	construe	14—B2-L8-N2-S2	L4
	†contracting	20—B16-L1-N1-S1-C1	B6
4	*corduroy	23—B20-P3	B3
3a	*costly	15—B2-L10-N3	L3
	cranky	19—L1-P18	P2
5b	*eraze	14—L2-P12	P5
2a	*creep	12—L6-P1-C5	

3b	*crept	17—B1-L12-P3-A1	L3
9	*crib	14—L1-P2-N6-C5	
4b	*cruelty	18—L16-N2	L6
4b	*curb	14—B1-P6-N5-M1-C1	
	days'	18—L14-N4	L8
5b	*daytime	12—B1-L3-P4-A1-C3	
4	*decade	14—B8-N6	B4
	decency	23—L18-N5	L4
	deficit	13—B1-L1-P6-N1-M2-S2	
3b	*defy	17—L14-P1-N2	L4
	dejection	14—L6-P8	P3
5	*deliberation	17—L12-P3-A1-N1	L5
	desertion	17—L12-N4-C1	L3
4a	*devour	12—L6-P4-N1-C1	
2b	*dew	13 (Not tabulated in new investigations)	
	diagnosis	16—B12-P1-A1-M1-S1	B4
3a	*dim	13 (Not tabulated in new investigations)	
4a	*discern	17—B1-L14-P1-N1	L4
	discriminating	13—B6-P1-A2-N1-M3	
	discrimination	23—B18-L1-A1-N1-M2	B4
3b	*disguise	16—L12-P3-N1	L4
5b	*dusk	14—L8-P4-N2	L3
4a	*dye	13 (Not tabulated in new investigations)	
4b	*earthquake	17—B1-L14-P2	L5
3b	*elm	13 (Not tabulated in new investigations)	
3	*enlargement	14—B8-L1-P1-M2-S2	B3
	enumerate	17—B1-L12-P3-C1	L5
	environment	13—L2-P5-A1-N3-M2	
4	*eventual	15—L2-P10-A1-N1-M1	P1
7	*exaggerate	14—L8-P6	L3
	exclusion	14—B2-L6-P1-N1-S4	
5	*expend	13—B3-L6-P3-N1	
	explode	14—L1-P12-C1	P3
4	*expressive	15—L12-P2-N1	L3
3	*expressly	14—B3-L5-N5-S1	
9	*eyebrow	12—L1-P10-N1	P3
	facial	25—L1-P22-N2	P2
	†featuring	29—B26-P2-M1	B5
4a	*fertile	12—L6-P2-A1-N1-M1-S1	
8	*fertilizer	16—B12-P3-S1	B4
6	*fervor	13—L2-P10-N1	P2
3a	*fled	19—L18-P1	L5
5a	*fore	12—B2-L2-P1-N1-M1-C5	

7	*forego	13—B6-L3-P2-N2	
	†forests	29—L24-P3-N1-M1	L4
	formality	14—L6-P7-S1	
5b	*forthwith	16—B1-L12-P1-N1-C1	L5
5a	*fraction	18—B14-P2-N2	B3
6	*gauze	23—B18-L1-P1-M1-S2	B3
7	*gear	23—B18-L1-P3-C1	B3
4b	*geese	17—B2-L12-P3	L4
5b	*gentleness	19—L18-N1	L5
9	*ghastly	17—L14-P3	L5
	†growers	19—B14-N4-M1	B3
5a	*hatch	14—B1-L1-P12	P2
5a	*hatchet	15—L10-P3-N1-S1	L3
	†hating	14—L2-P10-N2	P5
4a	*haughty	12—L2-P10	P3
	heartless	15—L10-P3-N2	L3
	helpfulness	14—B2-L1-P6-A3-M2	
2b	*hid	13 (Not tabulated in new investigations)	
	†hotter	14—L1-P12-A1	P4
4	*humiliation	19—L16-N3	L6
3a	*hush	12—P12	P4
	hygiene	14—P3-M7-S4	
7	*hypocrisy	16—L12-P2-N2	L5
5a	*idiot	17—L12-P5	L3
	†images	18—L14-S4	L5
4b	*impart	14—B1-L8-P3-A1-N1	L3
5a	*implement	15—B12-L2-C1	B3
	†implied	22—B2-L18-P1-M1	L6
4	*imply	17—B1-L14-P1-N1	L4
	†imported	28—B24-L3-P1	B5
3	*impudence	19—L18-P1	L4
5	*impudent	18—L18	L5
3	*inaccessible	17—B1-L14-P1-N1	L4
4a	*incense	14—L8-P6	L3
	†incessantly	20—B1-L16-P3	L5
	individuality	14—B1-P5-N8	N4
8	*infancy	14—B6-L4-P3-N1	
	inference	23—B1-L18-P2-N1-S1	L4
	†insuring	17—B10-N3-S4	B3
	interim	25—B20-L2-P1-S2	B3
	†interpreted	25—B20-L2-N1-M1-S1	B4
	†intervening	14—B2-L8-P2-N1-S1	L4
	introductory	27—B22-L2-S3	B4

	†investments	33—B28-L1-P3-N1	B5
4a	*inward	11—B2-L5-P2-N2	
	†irons	27—B22-L2-P1-A1-N1	B4
8	*itch	14—L2-P10-C2	P4
6	*juicy	14—P14	P3
	kidnapped	14—L1-P12-C1	P5
3b	*kneel	12—L6-P6	
2a	*lad	13 (Not tabulated in new investigations)	
5a	*latch	11—B1-P10	P3
	lath	24—B22-L1-P1	B5
5	*legacy	13—L1-P10-N2	P3
	likelihood	17—B12-L1-P1-A2-S1	B5
5b	*litter	14—B1-L2-P10-N1	P4
	lyceum	16—P13-A2-C1	P2
4	*magneto	18—B18	B4
6	*massacre	19—L14-N5	L4
4a	*meek	12—B1-L6-P3-S2	
	mentality	14—B2-P4-N8	N3
4	*millinery	13—B5-P7-N1	P2
9	*mint	14—L1-P12-N1	P4
	misapprehension	14—B1-L6-N6-S1	
	†mortified	16—L12-P3-N1	L3
	†motions	21—L16-P1-A2-M2	L5
	†motored	14—P14	P4
2a	*murmur	14—L8-P4-N2	L4
	negligee	14—P14	P3
	nonresident	14—B2-L1-N1-M6-S4	
1b	*oak	13 (Not tabulated in new investigations)	
	†obeyed	20—B1-L16-P1-A1-M1	L5
	obligate	14—B8-S1-C5	B3
5b	*obstinate	15—B1-L2-P12	P1
6	*occupant	13—B1-L1-P2-N2-M4-C3	
5b	*offspring	16—L12-P4	L4
	one-fourth	23—B20-P3	B5
7	*opponent	13—L6-P3-A2-N2	
	outset	14—L8-P1-N1-S4	L4
	overdo	14—L1-P8-C5	P3
4a	*overflow	14—B1-L1-P8-A1-S1-C2	P4
4a	*pang	18—L16-P1-A1	L5

3	*parasol	14—P14	P3
	patronize	13—B2-L1-P2-N2-C6	
4b	*pave	11—B1-P1-N4-C5	
6	*persuasion	13—L3-P3-N6-M1	
	pianist	14—B1-P10-A1-M2	P3
3a	*pit	13 (Not tabulated in new investigations)	
7	*plaid	13—B3-P6-C4	
	†plumbing	29—B24-P1-S4	B5
6	*poke	14—B2-L2-P10	P3
5	*politeness	17—L14-P2-N1	L4
	†possessions	14—B2-L2-P7-N2-M1	
3	*possessor	14—B1-L3-P10	P3
	postmarked	14—B8-L1-P3-S1-C1	B3
2a	*pot	13 (Not tabulated in new investigations)	
5b	*preside	12—B1-L2-P2-M3-C4	
	prestige	21—B16-L2-P1-N2	B5
2a	*prisoner	19—L16-P1-N2	L5
5b	*profane	13—B1-L6-P1-N2-S3	
7	*pronunciation	14—B3-L6-P3-N2	
	prostration	14—L6-P8	P4
	†provoking	14—L6-P8	P3
4b	*pumpkin	11—L3-P2-M1-S1-C4	
	radium	14—B2-L1-P10-C1	P2
5b	*raisin	11—P8-C3	P4
3b	*reap	14—B3-L8-P2-N1	L3
	rebate	29—B24-A2-N1-S2	B4
	†reduces	27—B24-L2-N1	B5
3b	*reed	14—B2-L1-P8-N3	P3
3	*reelection	15—L10-P1-N3-S1	L2
4	*reënter	13—B6-L6-P1	
	†refund	41—B38-L1-M1-C1	B5
2b	*reign	15—L10-P2-N3	L3
	reinstate	26—B22-L1-P1-M1-S1	B5
	remodeling	23—B18-P3-A1-S1	B3
4	*renter	14—P2-M1-C11	C2
5	*resentment	19—L18-N1	L5
3	*reservoir	17—B12-L3-P1-M1	B3
4b	*resolute	16—L14-P1-N1	L6
3b	*restrain	22—L20-N2	L3
6	*retirement	14—B3-L8-N2-S1	L4
	†rims	27—B26-P1	B5
4b	*riot	17—L12-P1-N3-M1	L5
3b	*roam	11—L2-P8-C1	P3
3	*roomy	13—P12-C1	P3
5b	*rusty	11—B1-L2-P8	P3

	†sacks	49—B48-N1	B5
	sagacity	21—L20-P1	L6
4	*salutary	13—L6-P1-N6	
8	*scant	13—B1-P8-N2-C2	P3
4	*scenic	13—B1-P4-M4-S4	
5a	*schoolroom	13—B5-P5-A2-M1	
5a	*scissors	11—P3-S4-C4	
5b	*scramble	11—L5-P2-C4	
	†seating	13—B4-L1-A4-S4	
4b	*sex	13 (Not tabulated in new investigations)	
5b	*shameful	14—L8-P2-N3-C1	L3
	†shelving	27—B26-A1	B5
6	*shingle	18—B14-L2-P2	B4
	†shopped	14—P12-C2	P3
5b	*slander	12—L6-P6	
5b	*sled	13—B1-P12	P3
4b	*slice	14—L2-P3-N2-C7	
	snowstorm	14—L1-P7-A1-N4-E1	
	†softened	21—B1-L18-P1-N1	L6
	†sowed	14—L2-P12	P4
5a	*span	12—B5-L2-P1-C4	
5a	*spank	14—P14	P3
5a	*sponge	14—B8-L1-P1-N1-S3	B4
4	*spontaneous	15—B1-L10-P1-N1-M2	L5
4a	*sprung	13—B4-L6-P2-C1	
3b	*steer	19—L14-P5	L5
3a	*stem	14—B3-L4-P6-N1	
3a	*stern	19—B1-L14-N4	L5
	†stewed	14—B1-L3-P10	P3
5a	*stricken	14—L3-P8-N1-M2	P3
	†successes	29—B2-L26-M1	L4
	†summons	27—B22-L1-P2-N2	B5
	supplemental	23—B18-L1-P1-M2-S1	B4
4	*surgery	13—B4-L2-M1-C6	
	surgical	23—B20-P1-N1-C1	B4
3	*syndicate	18—B16-L1-N1	B5
	taxi	15—P10-N4-C1	P2
3b	*temperate	14—L14	L4
9	*tenor	12—L2-P5-N2-C3	
5	*terminate	14—B2-L2-P4-N4-M1-S1	
6	*termination	15—B10-L2-P2-A1	B3
9	*terrace	18—B1-L16-P1	L4
	testimonial	14—B3-L3-P6-M1-S1	
	theological	14—B3-L8-P2-N1	L3
	theology	14—L8-P6	L2

8	*thoughtless	13—B1-L2-P10	P3
	†threats	14—L1-P10-N2-S1	P5
5	*tissue	14—B2-P6-N2-S4	
2b	*toil	17—L14-P1-N2	L5
5	*toleration	19—L16-P1-M2	L4
	tornado	14—B7-L1-P2-N1-M1-S2	
	traits	21—L18-A2-S1	L5
3b	*transport	11—B1-L3-P2-N4-M1	
2b	*trap	17—L14-P1-N2	L5
2a	*traveler	13—B2-L3-P3-N1-C4	
9	*triangle	12—B6-L2-P3-S1	
5b	*trolley	14—P8-N1-C5	P3
3a	*tumble	18—L14-P3-N1	L6
3b	*twilight	15—L10-P2-N2-M1	L4
3b	*twist	13—B1-L6-P1-N1-S2-C2	
	typhoid	14—L2-P6-C6	
	typographical	21—B20-P1	B6
	unsophisticated	14—L1-P12-N1	P3
4	*uppermost	14—L6-P6-N1-C1	
6	*usher	14—L2-P12	P3
7	*vegetation	12—L6-P4-C2	
3	*veneer	15—B10-P4-A1	B3
9	*vent	12—B2-L3-P4-N1-S2	
5b	*vexation	16—L14-N2	L5
	vice versa	14—B3-P6-N3-M1-C1	
4b	*violate	17—L12-P3-N2	L4
3b	*virgin	17—B2-L12-P2-N1	L4
	visualize	14—B2-L1-P10-N1	P4
	viz.	18—B14-L1-P1-N1-M1	B4
	waitress	14—P14	P3
8	*whale	13—B1-P10-C2	P3
5a	*wickedness	18—L18	L7
	windshield	15—B10-P2-N1-C2	B3
3b	*wink	16—L12-P2-N2	L5
5	*wistful	14—P14	P3
3b	*wrath	12—L6-P6	
5b	*wring	13—P10-C3	P5

PART 3

WORDS OMITTED ALTHOUGH MEETING THE REQUIREMENTS

The following word forms were omitted from the list of 10,000 although they meet all of the requirements which were laid down for selecting the 10,000 words. Since the omission of these words is a matter of judgment, the reasons for each omission are given. The figure following immediately after each word indicates the total credits which the word received. The other letters and figures indicate the credits received in the various divisions of the investigation (see Table 10).

*afterward	113—B2-L16-P40-N3-M1-S1-C50 Its credits are assigned to <i>afterwards</i> .
†allies	40—L9-P1-N30 Omitted because of temporary war and postwar influence, coming chiefly from newspapers and magazines.
altho	238—B63-L1-P168-A5-C1 Its credits are assigned to <i>although</i> .
anymore	79—P78-C1 There is a tendency for these two words to be written as a single word, but since the dictionary does not allow this form its credits are assigned to <i>any</i> and <i>more</i> .
†beasts	23—L20-P1-N2 Omitted since the singular form <i>beast</i> is in the list and since the word is chiefly literary.
†breathed	15—L6-P8-N1 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
bum	144 Estimated total from the compilation of 1922. Omitted because it is slang and because it is easy to spell.
4 *bushing	23—B22-L1 Practically limited to business and in but 6 types.
†cables	15—B8-L6-P1 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.

	'cause	53—L1-P52 Credits assigned to <i>because</i> .
8	*chancellor	24—L24 Owes its credits chiefly to English authors and is omitted in spite of the fact that it is in the Thorndike list.
	classy	23—B1-P22 Omitted in the belief that it is passing slang.
	†coaxed	15—L1-P14 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
	coed	15—P15 Omitted not only because it was a low frequency word but also because its use is largely limited to college life.
7	*complement	46—B8-L1-P32-C5 Probably <i>compliment</i> incorrectly spelled. Its credits were assigned to <i>compliment</i> .
	†conductors	16—B10-L2-A1-N3 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
	†crackers	15—B3-P12 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
	†dawned	15—B1-P12-N2 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
8	*despatch	30—B2-L28 Credits assigned to <i>dispatch</i> .
	†discusses	15—B8-M3-S4 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
	†dispatches (despatches)	75—L73-N2 Chief credits from Lincoln, Hay, and Page. Probably dealing with governmental matters.

dorm	24—P22-C2 Credits assigned to <i>dormitory</i> .
dumb-bell	19—P18-N1 Temporary slang usage.
†enlightened	15—B2-L6-P2-N4-M1 Omitted, although fulfilling the requirements, because it is a border-line word, and can be built up by adding a suffix to a base word which is in the list.
exam	116—L1-P104-C11 Special college abbreviation; credits assigned to <i>examination</i> .
exams	439—P432-C7 Special college abbreviation; credits assigned to <i>examinations</i> .
5 *excellency	24—L22-M2 Found chiefly in unusual circumstances in letters of literary men.
finch	17—L1-P16 Probably used as name of a game that is rapidly passing out.
frat	46—B1-P40-C5 College abbreviation; credits assigned to <i>fraternity</i> .
†fraternities	19—P18-C1 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
frosh	30—P30 Chiefly college slang.
galore	15—P14-N1 Low frequency, chiefly colloquial.
gee	378 Omitted because its credits are estimated and because it is slang.
†generals	25—L24-M1 Found chiefly in war-time letters of literary men.
†haired	18—L1-P16-N1 Undoubtedly was part of a hyphenated word such as <i>red-haired</i> , but was incorrectly written and improperly scored.
half-past	26—L26 Omitted because not in the dictionary and because <i>half</i> and <i>past</i> are in the list. However, the chief

	credits for this word come from the use with the hyphen in the printed letters of literary men.
4a *hath	24—L22-P1-A1 Although this word is in the 4th 1000 of the Thorndike list, the use of this word is passing out. It owes its frequency chiefly to literary men of past generations.
H. S.	23—B1-P18-A4 Omitted because of its low frequency and because its chief credits come from college letters.
†incidentally	20—P20 A form marked obsolete in the dictionary; credits assigned to <i>incidentally</i> .
4b *inclose	180—B102-L16-P36-A3-N2-S6-C15 Credits assigned to <i>enclose</i> since that is the form most commonly used in this country. <i>Enclose</i> had a credit of 4,517.
†inclosed	419—B320-L22-P42-A2-N4-M1-S4-C24 Credits assigned to <i>enclosing</i> , which had credit of 10,754.
†inclosing	420—B372-L6-P22-A6-S1-C13 Credits assigned to <i>enclosing</i> , which had credit of 6,700.
indorsed	26—B18-L2-P3-N1-M2 Credits assigned to <i>endorsed</i> which is the more common form. <i>Endorsed</i> had a credit of 83.
interclass	16—P16 Omitted because it was not reported outside of college correspondence and because of its relatively low frequency.
king's	31—L30-P1 Credits come chiefly from letters written in special circumstances by literary men. Both the singular and plural forms are in the list.
†lengthened	15—B2-L2-P8-N2-S1 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
†loosing	18—B1-P16-A1 Omitted because of probable misspelling which was not detected in the scoring.
lye	117 Omitted because its credits are estimated and because it occurred only in the Houser list, which included only letters dealing with agriculture.

math	62—B1-P58-A3 College abbreviation; credits assigned to <i>mathematics</i> .
†maxims	15—B6-L8-N1 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
misunderstandings	15—L8-P2-A1-S4 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
3a *oat	80 Estimated total based on occurrence in only Houser's study of farmers' letters. Possibly tabulation included credits from compound or hyphenated words. Under spirit of the rules the word should be omitted as coming from a single business.
peppy	23—P22-C1 Probably passing slang.
†pleasanter	15—B1-L6-P6-A1-N1 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
†pots	15—B6-L1-P8 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
Prin.	15—B3-P4-A2-E2-S4 Not good as used in the body of a letter; low frequency; credits assigned to <i>Principal</i> . Addresses of letters were not scored.
†princes	27—B5-L20-P1-N1 Omitted because its chief credits are from special types of letters of literary men.
profs.	22—P22 Limited largely to college slang.
†prohibited	15—B4-L6-P1-N4 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.

	prom	44—P44 Limited to college usage.
	†pulls	15—B2-P4-E2-C7 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
	†recited	15—L8-P1-N1-M2-S3 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
	reinforced	15—B8-L4-N1-S2 Credits assigned to <i>reënforced</i> .
7	*rook	16—P16 Low frequency word; probably used as the name of a game which is now little played.
	†scored	15—B7-L1-P6-C1 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
4	*selves	15—B8-L1-P2-N1-C3 A border-line word, possibly misscored from <i>ourselves</i> , <i>themselves</i> , etc. The word is in the Thorndike list and conceivably owes its credits to expressions such as "our better selves", etc.
	†shifted	15—B3-L8-P1-N2-M1 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
	sophomores	17—P10-M7 Credits almost wholly from college usage.
	†storming	15—L1-P14 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
	†sweets	15—L1-P14 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
	territorial	19—B12-L5-N1-M1

	Probably an unusual usage in certain types of business.
testimonials	15—B9-L1-P1-A4 Omitted, although fulfilling the requirements, because it is a border-line word, has a small spread of occurrence, and can be built up by adding a suffix to a base word which is in the list.
5a *thro'	15—L7-P7-A1 Credits assigned to <i>through</i> in spite of the fact that this form is in the fifth 1000 of the Thorndike list.
thru	679—B428-P246-A2-M1-E1-C1 Credits assigned to <i>through</i> .
timers	21—P21 Probably a special college usage in athletic contests.
varsity	19—I1-P18 Special college term.

PART 4

WORDS WITH A FREQUENCY OF 14 OR 13 BUT WHICH ARE NOT IN THE 10,000 WORD LIST

The following words, with a frequency of 14 or 13, are given in order to indicate the nature of the words just beyond the limits of the 10,000 words. For symbols in front of the words see page 55.

14	carryall	†doubles
†abiding	†carts	drayman
†ablest	caste	†drifted
abolition	censorship	†drifting
†absences	†chums	*duchess
*accusation	†classics	†dyled
adios	†coated	
adjutant	commercialized	educators
†adults	*comparable	†equipping
†advocating	†complications	†exposing
†amendments	†conceded	†extracts
ampere	condolence	
†ancestors	*confuse	fabrication
*anecdote	*congressional	faculty's
†annexed	*convent	†fixes
†anxieties	cornice	†flames
†applauded	*corpse	folios
appreciable	*corruption	*forbear
†argued	†crosses	foreground
arid	culverts	forgiving
†arming		forty-four
*aught	dad's	†fountains
†awarding	†decreased	*fowl
	†degrading	†fragments
*befall	†delicately	Fri.
†betrayed	*dimension	
bluchers	†dines	*gallop
*bravery	directories	†gifted
†breakfasts	†disguised	good humor
broadcasted	†dispensed	*grandson
brutality	†distinguishing	groundless
†bumped	docket	*grudge
	dog-gone	†grumbling
†capitals	*doom	

*hanger	officers'	restrictions
hardwood	out-of-doors	†revenues
	overcrowded	*riches
i. e.		rote
†incoming	†packers	†rubbing
incompatible	past-due	†safer
inconceivable	†patches	sassy
†Indians	†pears	sayings
†inducing	*peasant	scrupulous
inexcusable	pedantry	seamen
inexpressibly	†periodically	†secretly
*inlaid	person's	†seizing
insipid	†pests	self-respect
	†petitions	semiannual
journalistic	*pirate	†sensed
	†plainer	†severing
†keener	†pleas	†shared
†kidneys	†polls	sheriff's
kindergartners	*porcelain	†shortest
	†pounding	silo
*lavatory	preamble	†simplest
†leaks	†preferring	sixty-seven
†lectured	†presided	†skipping
letterhead	*proclaim	slowness
levity	†promoting	†stained
†localities	†prosecuted	†straits
†lodges	†protests	†stripped
lord's	*prowess	†strolling
*Lutheran	*punctual	†stumps
lyric		sufferings
	†quarts	*summit
†madder		*supremacy
*Madonna	*rainfall	switchboard
malleable	*rascal	swivel
†marriages	†reasoned	*swung
masonry	†recesses	
†mastered	recur	†tasks
†messengers	regimental	therefrom
†millers	†regiments	they'd
Mon.	†rejoiced	†thimbles
*morrow	relaxation	*thrice
†moths	remodeled	*torrent
	requisite	†trades
†objecting	*resemblance	transmittal
occurrences	†restrained	*triumphant

†truer	alumnus	consummation
*tumbler	†ambassadors	convalescing
turntable	amt.	†conveniences
typewrite	antipathies	convoy
*tyrant	appraised	coolness
	*ardent	copiously
unaccountable	*ash	corrugated
unbecoming	askance	†courting
uncalled	†asserted	†crafts
undercharged	attainable	†craving
underwriters	†averages	†crawls
*unnatural	avowed	*creditor
		cubic
†valves	bal.	†curves
†varnished	†bananas	cuss
†visibly	†barring	
	*beseech	†darkened
†waving	bibliography	D. C.
†wearied	†bishops	debut
†welding	†blaming	†decently
*whereof	†blasted	deficient
†whispers	†boating	*deity
†whites	†bonding	*detect
wishbone	book's	dictation
*wither	†boughs	†differing
†worded	†brutes	†dipped
†workingmen	†bureaus	†discoveries
	businesslike	*dispense
yardage	burlap	*don
*yore		dormant
Y. W. C. A.	cantata	*dot
	†catches	†dreading
*zephyr	chaplain	*drier
13	*chaste	*drunken
accountable	†cheating	
ace	†cleans	eagerness
adept	clerk's	†earns
†adhered	C. M. & St. P.	*eastward
ads	*cog	eatables
†advocated	†coins	eh
*affirm	*complication	†elms
aggregate	†comprised	elocution
ailments	*condemnation	†engraving
*akin	†conforms	*enlist
*aloof	*conspire	†entangled

enthuse	heart's	†majors
entirety	†hemstitched	†males
†epistles	*hip	*martial
†escorted	†hostilities	materializes
†exhibiting		meritorious
exorbitant	identically	metaphysical
*expand	†identified	†misfortunes
*expanse	ilk	misinterpreted
extemporaneous	illustrative	moderation
†extensions	†imagination	†mortals
extinction	†imperfections	†motorists
†extraordinarily	impracticable	†muffled
	improperly	
*fain	imprudent	*nag
†fainted	*in.	*neatness
fallacy	inadvisable	*newcomer
*famine	†inclines	nix
†fates	*indictment	†noises
†finishes	indiscreet	†nothings
*firmness	inefficient	
†fitter	*inhabit	†obstacles
*foe	instrumental	offhand
†fondest	intensive	officiate
*fondness	*intercept	officiated
foreclose	intervention	*orient
†foundations	irony	†orphans
*fox	isolation	†overhanging
†framing		
†freed	*jet	†pansies
†fronts		par
†fuller	†kicks	*paternal
†fuses	Ku Klux Klan	†peculiarities
		†peeping
generator	†lanterns	†pencils
†gilded	lateness	*pensive
†glittering	†lawfully	†perceived
*grandchildren	†leaped	†periodicals
grandfather's	†licked	*persevere
	†licking	†persists
†habitually	*lit	*pistol
*harp	loot	plaintiffs'
hash	†lovelier	*plait
†hastened		policeman
†headaches	*madman	†porters
hearings	Major General	postgraduate

postpaid	*sculptor	thereabouts
†powerfully	semester's	thinker
precipitate	semesters	†thinner
†predicted	†sexes	†thorns
†primers	*shrine	threateningly
*princess	shrinkage	three-quarters
†prized	†simpler	three-year
procrastination	*slang	†timidly
profusion	†slapped	*torment
proportionately	slush	†tossed
prosaic	smoldering	†tottering
protective	smuggle	†tracts
†protesting	†sneaking	†tragedies
punctuation	*solemnity	*trench
*pup	†soles	triangular
	sophisticated	twenty-eight
†quilts	†sounding	†tyrants
	†specifies	
radiation	†steering	†umbrellas
*radius	†straightening	*unbearable
†railing	†strains	unbiased
*rashness	subcommittee	unionism
†realities	sublimity	*untie
reams	*subsist	upkeep
*reconciliation	†successors	utilization
Red Cross	†summoned	
reënforcing	Sunday's	vaccination
†refreshed	†supposes	*van
†reigns	†surest	*vanish
†rejoices	†suspicious	†vocabularies
†releases	†swears	
†representations	†switches	waffles
reproduction	synonymous	waive
†retains	systematic	*watermelon
retention		†weddings
revising	†tailored	*wee
†revolving	*taint	week-ends
*richness	*talker	wiener
rut	tantalizing	†winners
Ry.	tatting	†wrecks
	technically	†wrenches
†Saturdays	†termed	
†scrambled	theoretical	†yells

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